r-biopharm®

Product catalogue 2026

Clinical Diagnostics

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Product catalogue 2026

Clinical Diagnostics

R-Biopharm test systems

at a glance

RIDASCREEN®

- ELISA for antigen and antibody detection
- Ready-to-use reagents
- Easy test procedure
- Standardized incubation time
- Possibility of processing on automated ELISA systems

RIDA®QUICK

- Reliable rapid test for antigen detection
- High sensitivity and specificity
- Ready-to-use reagents

RIDA®GENE/RIDA®UNITY

- Real-time PCR
- For manual (RIDA®GENE) or automated (RIDA®UNITY) processing
- Contains all necessary components
- Reliable results due to included extraction control
- Complete workflow verification

TandemPlex® / RIDA®Plex

- Multiplex Tandem PCR
- Efficient processing through parallel detection of viruses, bacteria, parasites, fungi; up to 30 pathogens in one run
- Semi-automated processing
- Can be combined with existing laboratory equipment
- Medium to high sample throughput

RIDA qLine®

- Quantitative immunoblot for antibody detection (IgE) in serum
- Various allergen panels available

Automation

- Flexible range of automated solutions
- Automated solutions for immunological and molecular tests
- Automation solutions from small to high sample throughput
- Assistance in installation and routine by qualified application specialists

Respiratory infections

Uniform solutions for the diagnosis of respiratory infections

Respiratory pathogens are present worldwide and cause severe outbreaks and symptoms.

Respiratory infections affect all age groups and are a major cause of mortality, especially in immuno-compromised patients. Pathogens can be all types of microorganisms, while most infections are caused by viruses. Sites of infection can be the upper or lower respiratory tract, the latter less common but usually more severe.

Rapid and reliable diagnosis of viral, bacterial and mycotic infections is essential for appropriate treatment of the patient and prevention of pathogen transmission. The choice of the suitable method plays a decisive role in this. The validated and standardized solutions in the field of real-time PCR and ELISA offer advantages in terms of workload and time, sensitivity as well as specificity and patient comfort.

R-Biopharm offers a comprehensive product portfolio for the diagnosis of respiratory infections that meets the diagnostic and organisational requirements of small to large laboratories. Benefit from the uniform processing and combinability of the RIDA®GENE real-time PCR products or use for highly multiplexing purposes in a semi-automated solution, our TandemPlex® and RIDA®Plex panels. The RIDA®UNITY system offers a fully automated workflow with the specially adapted RIDA®UNITY products.

ELISA | PCR | Accessories | Blood Collection | Lateral flow

Adenovirus

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Adenovirus	Multiplex real-time PCR for the direct qualitative detection of adenovirus DNA in untreated human nasal/throat swabs, untreated human bronchoalveolar lavage (BAL) and untreated human stool samples	Nasal/throat swabs, BAL, stool	100	PG1005
RIDA®GENE Pediatric Viral Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of rhinovirus/enterovirus/parechovirus RNA, bocavirus DNA, and adenovirus DNA in untreated human nasal/throat swabs	Nasal/ throat swab	100	PG4725
	Multiplex Tandem PCR*			
RIDA®Plex Upper Respiratory Pathogens 16-well RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well RIDA®Plex Respiratory Viruses 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Aspergillus fumigatus (RUO)

	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Bocavirus

	Real-time PCR			
RIDA®GENE Pediatric Viral Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of rhinovirus/ enterovirus/parechovirus RNA, bocavirus DNA, and adenovirus DNA in untreated human nasal/ throat swabs	Nasal/ throat swab	100	PG4725
	Multiplex Tandem PCR*			
RIDA®Plex Respiratory Viruses 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Respiratory infections

Bordetella spp.

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Bordetella	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Bordetella pertussis, Bordetella parapertussis* and *Bordetella holmesii* DNA in untreated human nasopharyngeal swabs	Nasopha-ryngeal swabs	100	PG2505
RIDA®UNITY Bordetella	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Bordetella pertussis, Bordetella parapertussis* and *Bordetella holmesii* DNA in untreated human nasopharyngeal swabs	Nasopha-ryngeal swabs	96	UN2505
	Multiplex Tandem PCR*			
RIDA®Plex Pneumonia 16-well RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well RIDA®Plex Upper Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Chlamydophila spp.

	Real-time PCR			
RIDA®GENE CAP Bac	Multiplex real-time PCR for the direct qualitative detection of *Chlamydophila pneumoniae, Legionella pneumophila* and *Mycoplasma pneumoniae* DNA in untreated human bronchoalveolar lavage (BAL)	Nasal/ throat swab and BALNasal/ throat swab	100	PG2705
RIDA®UNITY CAP Bac	Multiplex real-time PCR for the direct qualitative detection of *Chlamydophila pneumoniae, Legionella pneumophila* and *Mycoplasma pneumoniae* DNA in untreated human bronchoalveolar lavage (BAL) Only for use on the RIDA®UNITY system	Nasal/ throat swab and BAL	96	UN2705
	Multiplex Tandem PCR*			
Pneumonia 16-well Respiratory Pathogens B16-well Respiratory Pathogens 24-well Atypical Pneumonia 8-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Coronavirus

Product	Description	Matrix	Tests	Art. No.
	Real-time RT-PCR			
RIDA®GENE SARS-CoV-2	Multiplex real-time RT-PCR for the direct qualitative detection of coronavirus (SARS-CoV-2) RNA in untreated human nasal/throat swabs	Nasal/ throat swab	100	PG6815
RIDA®GENE Flu & SARS-CoV-2	Multiplex real-time RT-PCR for the direct qualitative detection and differentation of Influenza A/Influenza B and coronavirus (SARS-CoV-2) RNA in untreated human nasal/throat swabs	Nasal/ throat swab	100	PG6825
	Multiplex Tandem PCR*			
RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well RIDA®Plex Respiratory Viruses 16-well RIDA®Plex SARS-CoV-2, Influenza & RSV 8-well RIDA®Plex Upper Respiratory Pathogens 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Respiratory infections

Coxiella burnetti (RUO)

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Cryptococcus neoformans

	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Enterovirus/Rhinovirus

	Real-time PCR			
RIDA®GENE Pediatric Viral Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of rhinovirus/enterovirus/parechovirus RNA, bocavirus DNA, and adenovirus DNA in untreated human nasal/throat swabs	Nasal/ throat swab	100	PG4725
	Multiplex Tandem PCR*			
RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well RIDA®Plex Respiratory Viruses 16-well RIDA®Plex Upper Respiratory Pathogens 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Haemophilus influenzae, parainfluenzae, haemolyticus

	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

* Only available in selected countries.

Influenzavirus

Product	Description	Matrix	Tests	Art. No.
	Real-time RT-PCR			
RIDA®GENE Flu	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Influenza A, Influenza B and H1N1v RNA in untreated human nasal/throat swabs	Nasal swab/ throat swab	100	PG0505
RIDA®UNITY Flu	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Influenza A and Influenza B RNA in untreated human nasal/throat swabs Only for use on the RIDA®UNITY system	Nasal swab/ throat swab	96	PG0505
RIDA®GENE Flu & RSV	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Influenza A, Influenza B and RSV RNA in untreated human nasal/throat swabs and untreated human bronchoalveolar lavage (BAL)	Nasal swab/ throat swab, BAL	100	PG0545
RIDA®GENE Flu & SARS-CoV-2	Multiplex real-time RT-PCR for the direct qualitative detection and differentation of Influenza A/Influenza B and coronavirus (SARS-CoV-2) RNA in untreated human nasal/throat swabs	Nasal/ throat swab	100	PG6825
	Multiplex Tandem PCR*			
RIDA®Plex Respiratory Pathogens 24-well RIDA®Plex SARS-CoV-2, Influenza & RSV 8-well RIDA®Plex Respiratory Viruses 16-well RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well RIDA®Plex Upper Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

* Only available in selected countries.

Respiratory infections

Legionella spp.

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Legionella	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Legionella* spp. and *Legionella pneumophila* DNA in untreated human bronchoalveolar lavage (BAL)	BAL	100	PG8005
RIDA®GENE CAP Bac	Multiplex real-time PCR for the direct qualitative detection of *Chlamydophila pneumoniae, Legionella pneumophila* and *Mycoplasma pneumoniae* DNA in untreated human bronchoalveolar lavage (BAL)	Nasal/ throat swab and BAL	100	PG2705
RIDA®UNITY CAP Bac	Multiplex real-time PCR for the direct qualitative detection of *Chlamydophila pneumoniae, Legionella pneumophila* and *Mycoplasma pneumoniae* DNA in untreated human bronchoalveolar lavage (BAL) Only for use on the RIDA®UNITY system	Nasal/ throat swab and BAL	96	UN2705
	Multiplex Tandem PCR*			
RIDA®Plex Atypical Pneumonia 8-well RIDA®Plex Pneumonia 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Legionella	Enzyme immunoassay for the detection of *Legionella pneumophila* serogroup 1 in human urine samples	Urine	96	C8001
	Reference controls for RIDASCREEN® ELISA			
RIDASCREEN® Legionella Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP8004

* Only available in selected countries.

Metapneumovirus

Product	Description	Matrix	Tests	Art. No.
RSV & hMPV	**Real-time RT-PCR**			
RIDA®GENE RSV & hMPV	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of RSV and hMPV RNA in untreated human nasal/throat swabs and untreated human bronchoalveolar lavage (BAL)	Nasal/ throat swabs, BAL	100	PG5905
RIDA®UNITY RSV & hMPV	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of RSV and hMPV RNA in untreated human nasal/throat swabs and untreated human bronchoalveolar lavage (BAL) Only for use on the RIDA®UNITY system	Nasal/ throat swabs, BAL	96	UN5905
	Multiplex Tandem PCR*			
RIDA®Plex Upper Respiratory Pathogens 16-well RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well RIDA®Plex Respiratory Viruses 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Mycobacterium tuberculosis complex

	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® Panels and RIDA®Plex please refer to page 20 - 24	–	–	–

* Only available in selected countries.

Respiratory infections

Mycoplasma pneumoniae

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE CAP Bac	Multiplex real-time PCR for the direct qualitative detection of *Chlamydophila pneumoniae, Legionella pneumophila* and *Mycoplasma pneumoniae* DNA in untreated human bronchoalveolar lavage (BAL)	Nasal/ throat swab and BAL	100	PG2705
RIDA®UNITY CAP Bac	Multiplex real-time PCR for the direct qualitative detection of *Chlamydophila pneumoniae, Legionella pneumophila* and *Mycoplasma pneumoniae* DNA in untreated human bronchoalveolar lavage (BAL) Only for use on the RIDA®UNITY system	Nasal/ throat swab and BAL	96	UN2705
	Multiplex Tandem PCR*			
RIDA®Plex Pneumonia 16-well RIDA®Plex Atypical Pneumonia 8-well RIDA®Plex Upper Respiratory Pathogens 16-well RIDA®Plex Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Parainfluenzavirus

Parainfluenza	Real-time RT-PCR			
RIDA®GENE Parainfluenza	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of human Parainfluenza 1, 3 and 2/4 RNA in untreated human nasal/throat swabs	Nasal/throat swab	100	PG5805
RIDA®UNITY Parainfluenza	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of human Parainfluenza 1, 3 and 2/4 RNA in untreated human nasal/throat swabs Only for use on the RIDA®UNITY system	Nasal/throat swab	96	UN5805

* Only available in selected countries.

Parainfluenzavirus

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well RIDA®Plex Upper Respiratory Pathogens 16-well Respiratory Pathogens 24-well RIDA®Plex Respiratory Viruses 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Parechovirus

	Real-time PCR			
RIDA®GENE Pediatric Viral Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of rhinovirus/enterovirus/parechovirus RNA, bocavirus DNA, and adenovirus DNA in untreated human nasal/throat swabs	Nasal/ throat swab	100	PG4725
	Multiplex Tandem PCR*			
RIDA®Plex Respiratory Viruses 16-well RIDA®Plex Respiratory Pathogens 16-well RIDA®Plex Upper Respiratory Pathogens 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Pneumocystis jirovecii

	Real-time PCR			
RIDA®GENE Pneumocystis jirovecii	Multiplex real-time PCR for the direct qualitative and quantitative detection of *Pneumocystis jirovecii* DNA in untreated human bronchoalveolar lavage (BAL)	BAL	100	PG1905
	Multiplex Tandem PCR*			
Pneumonia 16-well Respiratory Pathogens 24-well Atypical Pneumonia 8-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

* Only available in selected countries.

Respiratory infections

Respiratory Syncytial Virus

Product	Description	Matrix	Tests	Art. No.
RSV & hMPV	**Real-time RT-PCR**			
RIDA®GENE RSV & hMPV	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of RSV and hMPV RNA in untreated human nasal/throat swabs and untreated human bronchoalveolar lavage (BAL)	Nasal/ throat swabs, BAL	100	PG5905
RIDA®UNITY RSV & hMPV	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of RSV and hMPV RNA in untreated human nasal/throat swabs and untreated human bronchoalveolar lavage (BAL) Only for use on the RIDA®UNITY system	Nasal/ throat swabs, BAL	96	UN5905
RIDA®GENE Flu & RSV	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Influenza A, Influenza B and RSV RNA in untreated human nasal/throat swabs and untreated human bronchoalveolar lavage (BAL)	Nasal/ throat swabs, BAL	100	PG0545
	Multiplex Tandem PCR			
RIDA®Plex Respiratory Pathogens 12-well RIDA®Plex Respiratory Pathogens 16-well RIDA®Plex Upper Respiratory Pathogens 16-well Respiratory Pathogens B 16-well RIDA®Plex Respiratory Pathogens C 16-well Respiratory Pathogens 24-well RIDA®Plex SARS-CoV-2, Influenza & RSV 8-well RIDA®Plex Respiratory Viruses 16-well	For the multiplexed TandemPlex® and RIDA®Plex Panels please refer to page 20 - 24	–	–	–

Staphylococcus aureus

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® Panels and RIDA®Plex please refer to page 20 - 24	–	–	–

Streptococcus pneumoniae

	Multiplex Tandem PCR*			
Pneumonia 16-well	For the multiplexed TandemPlex® Panels and RIDA®Plex please refer to page 20 - 24	–	–	–

Tuberculosis

	Sterile blood collection tubes			
RIDA® TB Tubes	Sterile blood collection tubes (3 per patient). For venous blood collection of human whole blood and subsequent Mycobacterium tuberculosis-specific induction of IP-10 in individuals with suspected *Mycobacterium tuberculosis* infection (including disease). IVD specimen containers for RIDASCREEN® TB (Art. No. TC8806) or RIDA®QUICK TB (Art. No. TN8802)	Whole blood	50 tests per kit	TZ8805
	Enzyme immunoassays			
RIDASCREEN® TB	Enzyme immunoassay for the direct quantitative detection of interferon gamma-induced protein 10 (IP-10) from human plasma samples of individuals with suspected *Mycobacterium tuberculosis* infection (including disease). Intended for use in conjunction with the RIDA® TB Tubes (Art. No. TZ8805).	Plasma	56 tests per kit	TC8806
	Rapid test			
RIDA®QUICK TB	Immunochromatographic lateral flow rapid test for the direct quantitative detection of interferon gamma-induced protein 10 (IP-10) from human plasma samples of individuals with suspected *Mycobacterium tuberculosis* infection (including disease). Intended for use in conjunction with the RIDA® TB Tubes (Art. No. TZ8805) and RIDA®Q3 (Art. No. ZRQ3).	Plasma	25 tests per kit	TN8802

Respiratory infections

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
Respiratory Pathogens 24-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (2 assays); seasonal coronavirus; Influenza A; Influenza A typing; Influenza B; *Pneumocystis jirovecii*; *Chlamydophila psittaci*; Respiratory Syncytial Virus A & B; Rhinovirus & Enterovirus; Enterovirus (excl. Rhino); Parainfluenza 1, 2, 3, 4; Adenovirus groups B, C, and E, some A, D; Metapneumovirus; *Bordetella* spp.; *Legionella pneumophila; Legionella longbeachae; Mycoplasma pneumoniae; Chlamydophila pneumoniae, Bordetella pertussis; Bordetella parapertussis*	Nasal swabs, throat swabs, nasopharyngeal swabs, nasopharyngeal aspirate (NPA), tracheal aspirate, bronchial washing, bronchoalveolar lavage (BAL) or saliva for detection of SARS-CoV-2	96 tubes	80617S
Respiratory Pathogens 24-well Step 2 Plates			12 x 384-well plate	80617P
	Real-time PCR			
RIDA®Plex SARS-CoV-2, Influenza & RSV 8-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (3 assays); Influenza A; Influenza A typing; Influenza B; Respiratory Syncytial Virus A & B	Nasal swabs, throat swabs, nasopharyngeal swabs, nasopharyngeal aspirate (NPA), tracheal aspirate, bronchial washing, bronchoalveolar lavage (BAL) or saliva for detection of SARS-CoV-2	96 tubes	80081S
RIDA®Plex SARS-CoV-2, Influenza & RSV 8-well Step 2 Plates			12 x 384-well plate	80081P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®Plex Respiratory Pathogens 12-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (2 assays); Influenza A; Influenza B; Respiratory Syncytial Virus A & B; Rhinovirus / Enterovirus; Parainfluenza 1, 2, 3, 4; Adenovirus groups B, C, and E, some A, D; *Metapneumovirus*; *Bordetella* spp.	Nasal swabs, throat swabs, nasopharyngeal swabs, nasopharyngeal aspirate (NPA), tracheal aspirate, bronchial washing, bronchoalveolar lavage (BAL) or saliva for detection of SARS-CoV-2	96 tubes	80618S
RIDA®Plex Respiratory Pathogens 12-well Step 2 Plates			12 x 384-well plate	80618P
	Real-time PCR			
RIDA®Plex Respiratory Pathogens 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (2 assays); Influenza A; Influenza B; Respiratory Syncytial Virus A & B; Rhinovirus / Enterovirus; Enterovirus; Parechovirus; Parainfluenza 1, 2, 3, 4; Adenovirus groups B, C, and E, some A, D; *Metapneumovirus*; *Bordetella* spp.; *Mycoplasma pneumoniae*	Nasal swab, throat swab, nasopharyngeal swab, nasopharyngeal aspirate (NPA), tracheal aspiration, bronchoalveolar lavage (BAL), sputum, lung biopsy, bronchial washing, culture isolate, and cerebrospinal fluid (CSF) or saliva for detection of SARS-CoV-2. CSF samples have only been validated for the detection of hAdv, Parechovirus and EV targets	96 tubes	20620S
RIDA®Plex Respiratory Pathogens 16-well Step 2 Plates			12 x 384-well plate	20620P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**

Respiratory infections

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
Respiratory Pathogens B 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (2 assays); Influenza A; Influenza B; Respiratory Syncytial Virus A & B; Rhinovirus / Enterovirus; Parainfluenza 1, 2, 3, 4; Adenovirus groups B, C, and E, some A, D; Metapneumovirus; *Bordetella* spp; *Bordetella parapertussis; Legionella pneumophila; Legionella longbeachae; Mycoplasma pneumoniae; Chlamydophila pneumoniae*	Nasal swab, throat swab, nasopharyngeal swab, nasopharyngeal aspirate (NPA), tracheal aspiration, bronchoalveolar lavage (BAL), sputum, lung biopsy, bronchial washing, culture isolate, and cerebrospinal fluid (CSF) or saliva for detection of SARS-CoV-2. CSF samples have only been validated for the detection of hAdv.	96 tubes	20612S
Respiratory Pathogens B 16-well Step 2 Plates			12 x 384-well plate	20612P
	Real-time PCR			
RIDA®Plex Respiratory Pathogens C 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (2 assays); Influenza A; Influenza A typing H1/H3; Influenza B; Respiratory Syncytial Virus A & B; Rhinovirus / Enterovirus; Parainfluenza 1, 2, 3, 4; Bordetella spp.; Adenovirus groups B, C, and E, some A, D; Metapneumovirus; *Bordetella pertussis; Legionella pneumophila; Legionella longbeachae; Mycoplasma pneumoniae*	Nasal swab, throat swab, nasopharyngeal swab, nasopharyngeal aspirate (NPA), tracheal aspirate, bronchoalveolar lavage (BAL), sputum, lung biopsy, bronchial washing, culture isolate or saliva for detection of SARS-CoV-2	96 tubes	20613S
RIDA®Plex Respiratory Pathogens C 16-well Step 2 Plates			12 x 384-well plate	20613P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex Upper Respiratory Pathogens (16-well) Step 1 Tubes	TandemPlex® Panel features Multiplex Tandem PCR (MT-PCR) for the qualitative detection of influenza A; Influenza A typing; influenza B; Respiratory Syncytial Virus A & B; rhinovirus/enterovirus; enterovirus; parechovirus; parainfluenza 1-3; parainfluenza 4; SARS-CoV-2 (2 assays); adenovirus; metapneumovirus A & B; *Bordetella* spp.; *Mycoplasma pneumoniae*	Nasal/nasopharyngeal/throat swab, nasopharyngeal aspirate (NPA), tracheal aspirate, broncheal lavage, BAL, sputum, lung biopsy, culture isolate. CSF (adenovirus, parechovirus, enterovirus) and saliva (SARS-CoV-2).	96 tubes	20616S
RIDA®Plex Upper Respiratory Pathogens (16-well) Step 2 Plates			12 x 384-well plate	20616P
	Multiplex Tandem PCR			
RIDA®Plex Respiratory Viruses 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of SARS-CoV-2 (2 assays); Seasonal Coronavirus; Influenza A; Influenza A typing H1/H3; Influenza B; Parainfluenza 1, 2, 3, 4; Respiratory Syncytial Virus A & B; Rhinovirus / Enterovirus; Enterovirus; Parechovirus; Adenovirus groups B, C, E, some A, D; Metapneumovirus; Bocavirus	Nasal swab, throat swab, nasopharyngeal swab, nasopharyngeal aspirate (NPA), tracheal aspiration, bronchoalveolar lavage (BAL), sputum, lung biopsy, bronchial washing, culture isolate, cerebrospinal fluid (CSF) or saliva for detection of SARS-CoV-2. CSF samples have only been validated for the detection of hAdV, Parechovirus and EV targets	96 tubes	20602S
RIDA®Plex Respiratory Viruses 16-well Step 2 Plates			12 x 384-well plate	20602P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**

Respiratory infections

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
Pneumonia 16-well Step 1 Tubes	TandemPlex® Panel features a Multiplex Tandem PCR (MT-PCR) for the qualitative detection of *Mycoplasma pneumoniae; Chlamydophila pneumoniae; Chlamydophila psittaci; Legionella pneumophila; Legionella longbeachae; Haemophilus influenzae, H. parainfluenzae & H. haemolyticus; Streptococcus pneumoniae; Staphylococcus aureus; Bordetella* spp.; *Coxiella burnetti* (RUO); Mycobacterium tuberculosis complex; *Aspergillus fumigatus* (RUO)*; Pneumocystis jirovecii* (PCP); *Cryptococcus neoformans*	Nasal/nasopharyngeal/throat swab, nasopharyngeal aspirate (NPA), tracheal aspirate, bronchial lavage, BAL, sputum, lung biopsy, culture isolate	96 tubes	20631S
Pneumonia 16-well Step 2 Plates			12 x 384-well plate	20631P
	Multiplex Tandem PCR			
Atypical Pneumonia (8-well) Step 1 Tubes	TandemPlex® Panel features a Multiplex Tandem PCR (MT-PCR) for the qualitative detection of *Mycoplasma pneumoniae; Chlamydophila pneumoniae; Chlamydophila psittaci; Legionella pneumophila; Legionella longbeachae; Pneumocystis jirovecii; Cryptococcus neoformans*	Nasal/naso-pharyngeal/ throat swab, nasopharyngeal aspirate (NPA), tracheal aspirate, broncheal lavage, BAL, sputum, lung biopsy, or culture	96 tubes	20632S
Atypical Pneumonia (8-well) Step 2 Plate			12 x 384-well plate	20632P
	Controls			
Synthetic Positive Control for Atypical Pneumonia	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels	–	–	91071
Synthetic Positive Control for Respiratory Pathogens	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels	–	–	91011

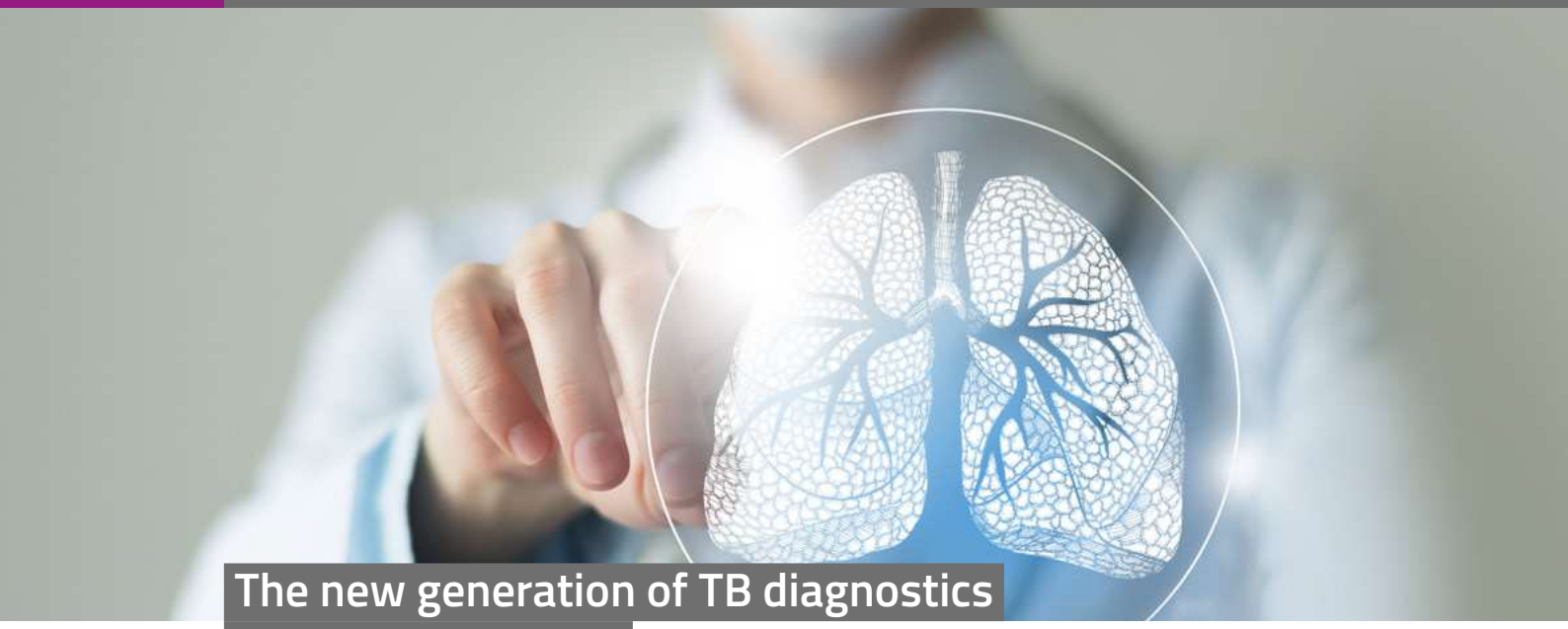
* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**

Automation solutions

Product	Description	Units	Art. No.
RIDA®GENE automation			
RIDA®UNITY	System for automated processing of a complete molecular diagnostic workflow: nucleic acid extraction, PCR setup and qPCR	1	ZUNITY
RIDA®CYCLER	The RIDA®CYCLER is a magnetic induction real-time PCR cycler with 4 channels (FAM, HEX/VIC, ROX, Cy5) For research use only. Not for use in diagnostic procedures	1	ZRCYCLER
RIDA®SEEK	RIDA®SEEK is an interpretation software that enables qualitative result interpretation from raw data generated by RIDA®GENE/RIDA®UNITY real-time PCR assays in conjunction with real-time PCR instruments	1	ZRIDASEEK
Automation for High-Multiplexed Panels			
Highplex Alliance™	The Highplex Alliance™ consists of the MT-Prep™ 24 for sample purification and the Highplex system for automated processing of TandemPlex® panels For detailed information please refer to page 74	1	–
Ultraplex Alliance™	The Ultraplex Alliance™ consists of the MT-Prep™ XL for sample purification and the Ultraplex 3 for automated processing of TandemPlex® panels For detailed information please refer to page 84	1	–

* Only available in selected countries.

Tuberculosis diagnostics



The new generation of TB diagnostics
It takes 3 to find TB

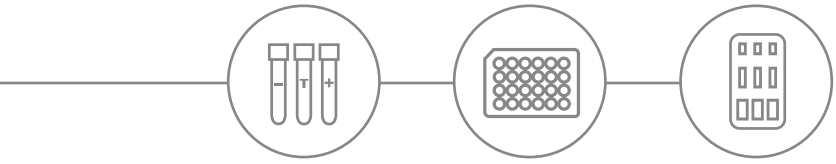
It just takes 3 stimulation tubes and 1 of the associated tests – either ELISA or Lateral flow – to tackle TB in all environments from fully equipped laboratory set-up to remote locations.

R-Biopharm's TB diagnostics (CE IVDR approved) are based on the detection of the biomarker IP-10 (interferon-gamma induced protein 10) which is secreted in concentrations of up to 100 times higher than interferon-gamma after specific T-cell stimulation with tuberculosis antigens. IP-10 is a chemokine that is released in response to interferon-gamma and plays an important role in the inflammatory response.

This new generation of TB diagnostics therewith marks a major leap forward from traditional latent TB testing. It provides healthcare professionals with simple, reliable, efficient and easily accessible diagnostics for every setting.

IP-10 and TB

- **Established marker**
  IP-10 is a well-studied biomarker with numerous publications demonstrating its association with TB.
- **Comprehensive expression profile**
  IP-10 is directly related to interferon-gamma release. It is not restricted to T-cells activation, but also produced by other immune cells, resulting in significantly higher concentrations.
- **Sensitivity**
  The advantageous expression profile of IP-10 can contribute to improved sensitivity, particularly in challenging cohorts.



The global burden of tuberculosis

Tuberculosis remains one of the top 10 causes of death worldwide and is a leading cause from a single infectious agent.

Mycobacterium tuberculosis

Product	Description	Matrix	Tests	Art. No.
	Sterile blood collection tubes			
RIDA® TB Tubes	Sterile blood collection tubes (3 per patient). For venous blood collection of human whole blood and subsequent Mycobacterium tuberculosis-specific induction of IP-10 in individuals with suspected *Mycobacterium tuberculosis* infection (including disease). IVD specimen containers for RIDASCREEN® TB (Art. No. TC8806) or RIDA®QUICK TB (Art. No. TN8802)	Whole blood	50 tests per kit	TZ8805
	Enzyme immunoassays			
RIDASCREEN® TB	Enzyme immunoassay for the direct quantitative detection of interferon gamma-induced protein 10 (IP-10) from human plasma samples of individuals with suspected *Mycobacterium tuberculosis* infection (including disease). Intended for use in conjunction with the RIDA® TB Tubes (Art. No. TZ8805)	Plasma	56 tests per kit	TC8806
	Rapid test			
RIDA®QUICK TB	Immunochromatographic lateral flow rapid test for the direct quantitative detection of interferon gamma-induced protein 10 (IP-10) from human plasma samples of individuals with suspected *Mycobacterium tuberculosis* infection (including disease). Intended for use in conjunction with the RIDA® TB Tubes (Art. No. TZ8805) and RIDA®Q3 (Art. No. ZRQ3)	Plasma	25 tests per kit	TN8802

Automation solutions

Product	Description	Units	Art. No.
RIDA®Q3	Lateral flow reader for RIDA®QUICK TB (Art. No. TN8802)	1	ZRQ3
Honeywell Xenon 1900	2D barcode scanner for RIDA®Q3 (Art. No. ZRQ3)	1	ZBS
Instrument Check Cartridge	Control cartridge for control measurements on RIDA®Q3 (Art. No. ZRQ3)	1	P005605

Gastrointestinal infections and diseases

Gastrointestinal diseases – comprehensive testing solutions for intestinal health

Healthcare professionals face significant challenges in the differential diagnosis and treatment of gastrointestinal disorders. Relatively non-specific clinical symptoms, such as diarrhea, vomiting, nausea, abdominal pain and fever, are offset by a variety of causes. Rapid and reliable diagnosis of viral, bacterial and parasitic infections as well as inflammatory diseases of the gastrointestinal tract is essential for appropriate treatment of the patient and prevention of pathogen transmission. The choice of the suitable method plays a crucial role.

Although microbial culture, microscopy and invasive techniques remain established methods in the diagnosis of gastrointestinal diseases, the number of laboratories using commercial IVD testing in routine is increasing. The validated and standardized solutions in the field of rapid tests, ELISA and PCR offer advantages in terms of workload and time, sensitivity as well as specificity, and patient comfort.

R-Biopharm offers comprehensive testing solutions to meet the diagnostic and organizational needs of small to large laboratories. Benefit from our wealth of system offerings for the diagnosis of gastrointestinal diseases with their diverse parameter selection.

ELISA | Rapid test | PCR | Accessories

Adenovirus

Product	Description	Matrix	Tests	Art. No.
	Real-time RT-PCR			
RIDA®GENE Viral Stool Panel I	Multiplex real-time RT-PCR for the direct qualitative detection and differentation of Norovirus RNA, Rotavirus RNA, Adenovirus (subtype 40/41) DNA, and Astrovirus RNA in untreated human stool samples	Stool	100	PG1315
RIDA®GENE Viral Stool Panel II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Rotavirus RNA, Astrovirus RNA, and Adenovirus (subtype 40/41) DNA in untreated human stool samples	Stool	100	PG1325
RIDA®GENE Viral Stool Panel III	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA, Rotavirus RNA and Adenovirus (subtype 40/41) DNA in untreated human stool samples	Stool	100	PG1335
RIDA®UNITY Viral Stool Panel II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Rotavirus RNA, Astrovirus RNA, and Adenovirus (subtype 40/41) DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1325
	Multiplex Tandem PCR*			
RIDA®Plex Enteric Viruses 8-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the high multiplexed Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Adenovirus	Enzyme immunoassay for the detection of Adenoviruses in human stool samples	Stool	96	C1001
	Rapid tests			
RIDA®QUICK Rotavirus/Adenovirus Combi	Immunochromatographic lateral flow rapid test for the detection of Rotavirus and/or Adenovirus in human stool samples Single pouched cassettes	Stool	20	N1003
RIDA®QUICK Rotavirus/Adenovirus/Norovirus Combi	Immunochromatographic lateral flow rapid test for the detection of Rotavirus and/or Adenovirus and/or Norovirus genogroup I and II in human stool samples Single pouched cassettes	Stool	20	N1903
	Control for RIDA®QUICK			
RIDA®QUICK Rotavirus/Adenovirus Combi Control	Positive control	–	1.8 mL	NP1904
	Sample diluent for RIDA®QUICK			
RIDA®QUICK Rotavirus/Adenovirus Sample diluent	Tubes with 1.5 mL sample diluent	Stool	25	ZN1004

* Only available in selected countries.
*** In development.

Gastrointestinal infections and diseases

Aeromonas spp.

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Pathogens M 16-well RIDA®Plex Faecal Pathogens A 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Akkermansia muciniphila

	Real-time PCR			
RIDA®GENE Akkermansia muciniphila	Multiplex real-time PCR for the direct qualitative or quantitative detection of *Akkermansia muciniphila* DNA in untreated human stool samples	Stool	100	PG0145**

Astrovirus

	Real-time RT-PCR			
RIDA®GENE Viral Stool Panel I	Multiplex real-time RT-PCR for the direct qualitative detection and differentation of Norovirus RNA, Rotavirus RNA, Adenovirus (subtype 40/41) DNA, and Astrovirus RNA in untreated human stool samples	Stool	100	PG1315
RIDA®GENE Viral Stool Panel II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Rotavirus RNA, Astrovirus RNA, and Adenovirus (subtype 40/41) DNA in untreated human stool samples	Stool	100	PG1325
RIDA®UNITY Viral Stool Panel II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Rotavirus RNA, Astrovirus RNA, and Adenovirus (subtype 40/41) DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1325
	Multiplex Tandem PCR*			
RIDA®Plex Enteric Viruses 8-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Astrovirus	Enzyme immunoassay for the detection of Astrovirus in human stool samples	Stool	96	C1301

* Only available in selected countries.
** Limited product availability possible from 2027.
*** In development.

Blastocystis hominis

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
RIDA®Plex Parasites 8-well RIDA®Plex Faecal Pathogens A 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Bacteroides

	Real-time PCR			
RIDA®GENE Gut Balance	Multiplex real-time PCR for the direct qualitative or quantitative detection and differentiation of Bacteroides and Clostridium Cluster XIVa DNA in untreated human stool samples	Stool	100	PG0105**

Campylobacter spp.

	Real-time PCR			
RIDA®GENE Bacterial Stool Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)* and *Yersinia enterocolitica* DNA in untreated human stool samples	Stool	100	PG2405
RIDA®GENE Bacterial Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)*, EIEC/*Shigella* spp. and STEC DNA in untreated human stool samples	Stool	100	PG2415
RIDA®UNITY Bacterial Stool Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. (*C. coli, C. lari, C. jejuni*) and *Yersinia enterocolitica* DNA in human stool samples Only for use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN2405
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens M 16-well RIDA®Plex Faecal Pathogens A 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

* Only available in selected countries.
** Limited product availability possible from 2027.
*** In development.

Gastrointestinal infections and diseases

Campylobacter spp.

Product	Description	Matrix	Tests	Art. No.
	Enzyme immunoassay			
RIDASCREEN® Campylobacter	Enzyme immunoassay for the detection of *Campylobacter jejuni* and *Campylobacter coli* in human stool samples	Stool	96	C2401
	Rapid test			
RIDA®QUICK Campylobacter	Immunochromatographic lateral flow rapid test for the detection of *Campylobacter jejuni* und *Campylobacter coli* in human stool samples Single pouched cassettes	Stool	25	N2403
	Control for RIDA®QUICK			
RIDA®QUICK Campylobacter Control	Positive control	–	1.8 mL	NP2404

Clostridium Cluster XIVa

	Real-time PCR			
RIDA®GENE Gut Balance	Multiplex real-time PCR for the direct qualitative or quantitative detection and differentiation of Bacteroides and Clostridium Cluster XIVa DNA in untreated human stool samples	Stool	100	PG0105**

Clostridium difficile / Clostridioides difficile

	Real-time PCR			
RIDA®GENE Clostridium difficile	Multiplex real-time PCR for the direct qualitative detection of *Clostridium difficile* DNA and *Clostridium difficile* toxin genes A *(tcdA)* and B *(tcdB)* in untreated human stool samples	Stool	100	PG0835
RIDA®GENE Hospital Stool Panel	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Rotavirus RNA and *Clostridium difficile* toxin genes A *(tcdA)* and B *(tcdB)* in untreated human stool samples	Stool	100	PG0705
RIDA®UNITY C. difficile	Multiplex real-time PCR for the direct qualitative detection of *Clostridioides difficile* DNA and *Clostridioides difficile* toxin genes A *(tcdA)* and B *(tcdB)* in human stool samples For use on the RIDA®UNITY system or MagNa Pure 96 + LightCycler® 480 II	Stool, Cary-Blair medium***	96	UN0835

* Only available in selected countries.
** Limited product availability possible from 2027.
*** In development.

Clostridium difficile / Clostridioides difficile

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®UNITY Hospital Stool Panel	Multiplex RT-real-time PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Rotavirus RNA and *C. difficile* toxin genes A (tcdA) and B (tcdB) in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium	96	UN0705**
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassays			
RIDASCREEN® Clostridium difficile GDH	Enzyme immunoassay for the detection of glutamate dehydrogenase of *Clostridium difficile* in human stool samples	Stool	96	C0701
RIDASCREEN® Clostridium difficile Toxin A/B	Enzyme immunoassay for the detection of toxin A and B of *Clostridium difficile* in human stool samples	Stool	96	C0801
	Reference controls for RIDASCREEN® ELISA			
RIDASCREEN® Clostridium difficile GDH Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP0704
RIDASCREEN® Clostridium difficile Toxin A/B Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP0804
	Rapid tests			
RIDA®QUICK Clostridium difficile GDH	Immunochromatographic lateral flow rapid test for the detection of glutamate dehydrogenase of *Clostridium difficile* in human stool samples Single pouched cassettes	Stool	25	N0703
RIDA®QUICK Clostridium difficile Toxin A/B	Immunochromatographic lateral flow rapid test for the detection of Toxins A and B of *C. difficile* in human stool samples Single pouched cassettes	Stool	25	N0803
RIDA®Quick C. difficile GDH Toxin A/B Combi	Immunochromatographic lateral flow rapid test for the detection of *C. difficile*-specific glutamate dehydrogenase (GDH) and C. difficile toxin A/B in human stool samples. Single pouched cassettes	Stool	20	N0823
	Controls for RIDA®QUICK			
RIDASCREEN® Clostridium difficile GDH Control	Positive control	–	1.8 mL	NP0704
RIDA®QUICK Clostridium difficile Toxin A/B Control	Positive control	–	1.8 mL	NP0804
RIDA®QUICK C. difficile Combi Control	Positive Control	–	1 mL	NP0824

* Only available in selected countries.
** In development.

Gastrointestinal infections and diseases

Clostridium perfringens

Product	Description	Matrix	Tests	Art. No.
	Enzyme immunoassay			
RIDASCREEN® Clostridium perfringens Enterotoxin	Enzyme immunoassay for detection of enterotoxin of *Clostridium perfringens* in human stool samples	Stool	96	C0601

Cryptosporidium spp.

	Real-time PCR			
RIDA®GENE Parasitic Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica, Cryptosporidium* spp. and *Dientamoeba fragilis* DNA in untreated human stool samples	Stool	100	PG1715
RIDA®GENE Parasitic Stool Panel II	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica* and *Cryptosporidium* spp. DNA in untreated human stool samples	Stool	100	PG1725
RIDA®UNITY Parasitic Stool Panel II	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica* and *Cryptosporidium* spp. DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1725
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well RIDA®Plex Parasites 8-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Cryptosporidium	Enzyme immunoassay for the detection of *Cryptosporidium* in human stool samples	Stool	96	C1201
	Reference controls for RIDASCREEN® ELISA			
RIDASCREEN® Cryptosporidium Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP1204

* Only available in selected countries.
*** In development.

Cryptosporidium spp.

Product	Description	Matrix	Tests	Art. No.
	Rapid tests			
RIDA®QUICK Cryptosporidium	Immunochromatographic lateral flow rapid test for the detection of *Cryptosporidium parvum* in human stool samples Single pouched cassettes	Stool	20	N1203
RIDA®QUICK Cryptosporidium/Giardia Combi	Immunochromatographic lateral flow rapid test for the detection of *Cryptosporidium parvum* and/or *Giardia lamblia* in human stool samples Single pouched cassettes	Stool	20	N1123
RIDA®QUICK Cryptosporidium/Giardia/ Entamoeba Combi	Immunochromatographic lateral flow rapid test for the detection of *Cryptosporidium parvum* and/or *Giardia lamblia* and/or *Entamoeba histolytica (sensu lato)* in human stool samples Single pouched cassettes	Stool	20	N1723
	Control for RIDA®QUICK			
RIDA®QUICK Parasite Combi Control	Positive control	–	1.8 mL	NP1704

Cyclospora cayetanensis

	Multiplex Tandem PCR*			
RIDA®Plex Parasites 8-well	Target Cyclosporoa cayetanensis (RUO) For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Dientamoeba fragilis

	Real-time PCR			
RIDA®GENE Parasitic Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica, Cryptosporidium* spp. and *Dientamoeba fragilis* DNA in untreated human stool samples	Stool	100	PG1715
	Multiplex Tandem PCR*			
RIDA®Plex Parasites 8-well RIDA®Plex Faecal Pathogens A 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Gastrointestinal infections and diseases

Entamoeba spp.

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Parasitic Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica, Cryptosporidium* spp. and *Dientamoeba fragilis* DNA in untreated human stool samples	Stool	100	PG1715
RIDA®GENE Parasitic Stool Panel II	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica* and *Cryptosporidium* spp. DNA in untreated human stool samples	Stool	100	PG1725
RIDA®UNITY Parasitic Stool Panel II	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica* and *Cryptosporidium* spp. DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1725
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens M 16-well RIDA®Plex Parasites 8-well RIDA®Plex Faecal Pathogens A 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassays			
RIDASCREEN® Entamoeba	Enzyme immunoassay for the detection of *Entamoeba histolytica/Entamoeba dispar* in human stool samples	Stool	96	C1701
	Reference controls for RIDASCREEN® ELISA			
RIDASCREEN® Entamoeba Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP1704
	Rapid tests			
RIDA®QUICK Entamoeba	Immunochromatographic lateral flow rapid test for the detection of *Entamoeba histolytica (sensu lato)* in human stool samples Single pouched cassettes	Stool	20	N1703
RIDA®QUICK Cryptosporidium/Giardia/ Entamoeba Combi	Immunochromatographic lateral flow rapid test for the detection of *Cryptosporidium parvum* and/or *Giardia lamblia* and/or *Entamoeba histolytica (sensu lato)* in human stool samples Single pouched cassettes	Stool	20	N1723
	Control for RIDA®QUICK			
RIDA®QUICK Parasite Combi Control	Positive control	–	1.8 mL	NP1704

* Only available in selected countries.
*** In development.

Enterovirus

Product	Description	Matrix	Tests	Art. No.
Enterovirus	**Real-time RT-PCR**			
RIDA®GENE Enterovirus	Multiplex real-time RT-PCR for the direct qualitative detection of Enterovirus RNA (Polioviruses, Echoviruses, Coxsackieviruses and human Enteroviruses 70/71) in untreated human stool samples and cerebrospinal fluid	Stool/CSF	100	PG4705
RIDA®UNITY Viral Stool Panel IV	Multiplex RT-real-time PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Enterovirus RNA and Sapovirus RNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium	96	UN1345
	Multiplex Tandem PCR*			
RIDA®Plex Enteric viruses 8-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Escherichia coli

	Real-time PCR			
RIDA®GENE EHEC/EPEC	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of EHEC, STEC, EPEC, and EIEC/*Shigella* spp. in untreated human stool and culture samples	Stool/ cultures	100	PG2205
RIDA®GENE EAEC	Multiplex real-time PCR for the direct qualitative detection of enteroaggregative *E. coli* (EAEC) DNA in untreated human stool samples	Stool	100	PG2215
RIDA®GENE ETEC/EIEC	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of ETEC and EIEC/*Shigella* spp. in untreated human stool samples and culture samples	Stool/ cultures	100	PG2225
RIDA®GENE E. coli Stool Panel I	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of EHEC, STEC, and EPEC in untreated human stool samples	Stool	100	PG2285
RIDA®GENE Bacterial Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)*, EIEC/*Shigella* spp. and STEC DNA in untreated human stool samples	Stool	100	PG2415

* Only available in selected countries.

Gastrointestinal infections and diseases

Escherichia coli

Product	Description	Matrix	Tests	Art. No.
RIDA®UNITY EHEC/EPEC	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of EHEC, STEC, EPEC, and EIEC/*Shigella* spp. in human stool and culture samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***/ cultures	96	UN2205
RIDA®UNITY E. coli Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of virulence factors of EHEC, STEC and EPEC (genes for Shiga Toxin 1, Shiga Toxin 2 and eae) in human stool samples For use on the RIDA®UNITY system	Stool, culture, Cary-Blair medium	96	UN2285***
RIDA®UNITY E. coli Stool Panel III	Multiplex real-time PCR for the direct qualitative detection and differentiation of virulence factors of EAEC, ETEC and EIEC/ *Shigella* spp. in human stool samples For use on the RIDA®UNITY system	Stool, culture, Cary-Blair medium	96	UN2265***
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Verotoxin	Enzyme immunoassay for the detection of verotoxins 1 and 2 (shigatoxins 1 and 2) in a stool enrichment	mTSB-Bouillon	96	C2201
Enrichment broth	**Accessory**			
RIDA® Anreicherungsbouillon	mTSB-bouillon with Mitomycin C for the enrichment of verotoxin (shigatoxin)-producing *Escherichia coli* bacteria	–	100	Z1000

Faecalibacterium prausnitzii

	Real-time PCR			
RIDA®GENE Faecalibacterium prausnitzii	Multiplex real-time PCR for the direct qualitative or quantitative detection and differentiation of *Faecalibacterium prausnitzii* in untreated human stool	Stool	100	PG0155*

* Limited product availability possible from 2027.
*** In development.

Giardia lamblia / Giardia duodenalis

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Parasitic Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica, Cryptosporidium* spp. and *Dientamoeba fragilis* in untreated human stool samples	Stool	100	PG1715
RIDA®GENE Parasitic Stool Panel II	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica* and *Cryptosporidium* spp. in untreated human stool samples	Stool	100	PG1725
RIDA®UNITY Parasitic Stool Panel II	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Giardia lamblia, Entamoeba histolytica* and *Cryptosporidium* spp. DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1725
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well RIDA®Plex Parasites 8-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Giardia	Enzyme immunoassay for the detection of *Giardia lamblia* in human stool samples	Stool	96	C1101
	Reference controls for RIDASCREEN® ELISA			
RIDASCREEN® Giardia Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP1104
	Rapid tests			
RIDA®QUICK Giardia	Immunochromatographic lateral flow rapid test for the detection of *Giardia lamblia* in human stool samples Single pouched cassettes	Stool	20	N1103
RIDA®QUICK Cryptosporidium/Giardia Combi	Immunochromatographic lateral flow rapid test for the detection of *Cryptosporidium parvum* and/or *Giardia lamblia* in human stool samples Single pouched cassettes	Stool	20	N1123
RIDA®QUICK Cryptosporidium/Giardia/ Entamoeba Combi	Immunochromatographic lateral flow rapid test for the detection of *Cryptosporidium parvum* and/or *Giardia lamblia* and/or *Entamoeba histolytica (sensu lato)* in human stool samples Single pouched cassettes	Stool	20	N1723
	Control for RIDA®QUICK			
RIDA®QUICK Parasite Combi Control	Positive control	–	1.8 mL	NP1704

* Only available in selected countries.
*** In development.

Gastrointestinal infections and diseases

Helicobacter pylori

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Helicobacter pylori	Multiplex real-time PCR for the direct qualitative detection of *Helicobacter pylori* DNA and DNA for clarithromycin resistance in untreated human biopsy samples	Biopsy	100	PG2305
RIDA®UNITY H. pylori and Resistance CF RUO	Multiplex real-time PCR for the direct qualitative detection and differentiation of the *Helicobacter pylori* DNA and DNA for Fluoroquinolone and Clarithromycin resistance in human biopsy samples. For Research use only	–	48	UN2310RUO
RIDA®UNITY H. pylori Resistance AT RUO	Multiplex real-time PCR for the direct qualitative detection and differentiation of DNA for Tetracycline and Amoxicillin resistance in human biopsy samples. For Reseach use ony	–	48	UN2315RUO
RIDA®Prime H. pylori BDM	Multiplex real-time PCR for the direct qualitative detection of *Helicobacter pylori* DNA and DNA for clarithromycin resistance in untreated human biopsy samples	–	100	PM2305
	Enzyme immunoassay			
RIDASCREEN® Helicobacter	Enzyme immunoassay for the detection of *Helicobacter pylori* in human stool samples	Stool	96	C2302
	Reference controls for RIDASCREEN® ELISA			
RIDASCREEN® H. pylori Reference Controls	Reference controls A (positive) and B (negative)	–	2.0 mL (A) 2.0 mL (B)	CRP2304
	Rapid test			
RIDA®QUICK Helicobacter	Immunochromatographic lateral flow rapid test for the detection of *Helicobacter pylori* in human stool samples Single pouched cassettes	Stool	25	N2303
	Control for RIDA®QUICK			
RIDA®QUICK Helicobacter Control	Positive control	–	1.8 mL	NP2304

Inflammatory bowel disease

Product	Description	Matrix	Tests	Art. No.
	Enzyme immunoassays			
RIDASCREEN® Calprotectin	Enzyme immunoassay for the quantitative determination of Calprotectin	Stool	96	G09036
RIDASCREEN® α_1-Antitrypsin	Enzyme immunoassay for the quantitative determination of α_1-Antitrypsin	Stool	96	G09034
RIDASCREEN® sIgA	Enzyme immunoassay for the quantitative determination of secretoric IgA	Stool	96	G09035
Calprest NG	Enzyme immunoassay for the quantitative determination of calprotectin	Stool	96	9069
	Stool collection tubes			
RIDA®TUBE Calprotectin	For the collection and preparation of stool samples, • For use with RIDASCREEN® Calprotectin (Art. No. G09036) and Pancreatic Elastase ELISA (SK15) G09038 (G09040)	Stool	50	GZ3016
RIDA®TUBE	For collection and preparation of stool samples, • Unfilled; to use after internal validation	Stool	50	GZ3013
EasyCal	Device for use with immunoenzymatic as well as immunochromatographical methods for quantitative detection of calprotectin	Stool	100	9062

Gastrointestinal infections and diseases

Norovirus

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Hospital Stool Panel	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Rotavirus RNA and *C. difficile* toxin genes A *(tcdA)* and B *(tcdB)* in untreated human stool samples	Stool	100	PG0705
RIDA®GENE Norovirus	Multiplex real-time RT-PCR for the direct qualitative detection of Norovirus RNA of genogroups I (GI) and II (GII) in untreated human stool samples	Stool	100	PG1405
RIDA®GENE Norovirus I & II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA of genogroups I (GI) and II (GII) in untreated human stool samples	Stool	100	PG1415
RIDA®GENE Norovirus GI/GII	Multiplex real-time RT-PCT for the simultaneous qualitative detection and differentiation of Norovirus genogroup I (GI) and II (GII) nucleic acid in untreated human stool samples	Stool	100	PG1445**
RIDA®GENE Viral Stool Panel I	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA, Rotavirus RNA, Adenovirus (subtype 40/41) DNA, and Astrovirus RNA in untreated human stool samples	Stool	100	PG1315
RIDA®GENE Viral Stool Panel III	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA, Rotavirus RNA and Adenovirus (subtype 40/41) DNA in untreated human stool samples	Stool	100	PG1335
RIDA®UNITY Norovirus I & II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA of genogroups I (GI) and II (GII) in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1415
RIDA®UNITY Hospital Stool Panel	Multiplex RT-real-time PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Rotavirus RNA and *C. difficile* toxin genes A *(tcdA)* and B *(tcdB)* in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium	96	UN0705**
RIDA®UNITY Viral Stool Panel IV	Multiplex RT-real-time PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Enterovirus RNA and Sapovirus RNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium	96	UN1345**
	Multiplex Tandem PCR*			
RIDA®Plex Enteric Visuses 8-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

* Only available in selected countries.
** Only for sale in the US.
*** In development.

Norovirus

Product	Description	Matrix	Tests	Art. No.
	Enzyme immunoassay			
RIDASCREEN® Norovirus 3rd Generation	Enzyme immunoassay for the detection of Noroviruses (genogroup I and II) in human stool samples	Stool	96	C1401
	Rapid tests			
RIDA®QUICK Norovirus	Immunochromatographic lateral flow rapid test for the detection of Noroviruses (genogroup I and II) in human stool samples Single pouched cassettes	Stool	25	N1402
RIDA®QUICK Rotavirus/Adenovirus/Norovirus Combi	Immunochromatographic lateral flow rapid test for the detection of Rotavirus and/or Adenovirus and/or Norovirus genogroup I and II in human stool samples Single pouched cassettes	Stool	20	N1903
	Control for RIDA®QUICK			
RIDA®QUICK Norovirus Control	Positive control	–	1.8 mL	NP1404

Pancreatic diagnostics

	Enzyme immunoassays			
Pancreatic Elastase ELISA	Enzyme immunoassay for the quantitative determination of pancreatic elastase	Stool	96	G09038
Pancreatic Elastase ELISA (SK15)	Enzyme immunoassay for the quantitative determination of pancreatic elastase; additional standard (SK15)	Stool	96	G09040
	Stool collection tubes			
Stool Preparation Set	For collection and preparation of stool samples, • Only use with Pancreatic Elastase ELISA (Art. No. G09038 and Art. No. G09040)	Stool	45	ACS-001

Gastrointestinal infections and diseases

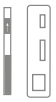
Rotavirus

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Hospital Stool Panel	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Rotavirus RNA and *C. difficile* toxin genes A *(tcdA)* and B *(tcdB)* in untreated human stool samples	Stool	100	PG0705
RIDA®GENE Viral Stool Panel I	Multiplex real-time RT-PCR for the direct qualitative detection and differentation of Norovirus RNA, Rotavirus RNA, Adenovirus DNA (subtype 40/41), and Astrovirus RNA in untreated human stool samples	Stool	100	PG1315
RIDA®GENE Viral Stool Panel II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Rotavirus RNA, Astrovirus RNA, and Adenovirus DNA (subtype 40/41) in untreated human stool samples	Stool	100	PG1325
RIDA®GENE Viral Stool Panel III	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Norovirus RNA, Rotavirus RNA and Adenovirus DNA (subtype 40/41) in untreated human stool samples	Stool	100	PG1335
RIDA®UNITY Viral Stool Panel II	Multiplex real-time RT-PCR for the direct qualitative detection and differentiation of Rotavirus RNA, Astrovirus RNA, and Adenovirus (subtype 40/41) DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN1325
RIDA®UNITY Hospital Stool Panel	Multiplex RT-real-time PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Rotavirus RNA and *C. difficile* toxin genes A (tcdA) and B (tcdB) in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium	96	UN0705***
	Multiplex Tandem PCR*			
RIDA®Plex Enteric Visuses 8-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Rotavirus	Enzyme immunoassay for the detection of Rotavirus in human stool samples	Stool	96	C0901

* Only available in selected countries.
*** In development.

Rotavirus

Product	Description	Matrix	Tests	Art. No.
	Rapid tests			
RIDA®QUICK Rotavirus	Immunochromatographic lateral flow rapid test for the detection of Rotavirus in human stool samples Single pouched cassettes	Stool	20	N0903
RIDA®QUICK Rotavirus/Adenovirus Combi	Immunochromatographic lateral flow rapid test for the detection of Rotavirus and/or Adenovirus in human stool samples Single pouched cassettes	Stool	20	N1003
RIDA®QUICK Rotavirus/Adenovirus/Norovirus Combi	Immunochromatographic lateral flow rapid test for the detection of Rotavirus and/or Adenovirus and/or Norovirus genogroup I and II in human stool samples Single pouched cassettes	Stool	20	N1903
	Controls for RIDA®QUICK			
RIDA®QUICK Rotavirus/Adenovirus Combi Control	Positive control	–	1.8 mL	NP1904
	Sample diluent for RIDA®QUICK			
RIDA®QUICK Rotavirus/Adenovirus Sample diluent	Tubes with 1.5 mL sample diluent	Stool	25	ZN1004



Gastrointestinal infections and diseases

Salmonella spp.

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE Bacterial Stool Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)* and *Yersinia enterocolitica* DNA in untreated human stool samples	Stool	100	PG2405
RIDA®GENE Bacterial Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)*, EIEC/*Shigella* spp. and STEC DNA in untreated human stool samples	Stool	100	PG2415
RIDA®UNITY Bacterial Stool Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. (*C. coli, C. lari, C. jejuni*) and *Yersinia enterocolitica* DNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN2405
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

*** In development.

Shigatoxin/Verotoxin

Product	Description	Units		Art. No.
	Real-time PCR			
RIDA®GENE Bacterial Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)*, EIEC/*Shigella* spp. and STEC DNA in untreated human stool samples	Stool	100	PG2415
RIDA®GENE EHEC/EPEC	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of EHEC, STEC, EPEC, and EIEC/*Shigella* spp. in untreated human stool and culture samples	Stool/ cultures	100	PG2205
RIDA®GENE E. coli Stool Panel I	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of EHEC, STEC, and EPEC in untreated human stool samples	Stool	100	PG2285
RIDA®UNITY EHEC/EPEC	Multiplex real-time PCR for the direct qualitative detection of DNA for virulence factors of EHEC, STEC, EPEC, and EIEC/*Shigella* spp. in human stool and culture samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium***/ cultures	96	UN2205
RIDA®UNITY E. coli Stool Panel I	Multiplex real-time PCR for the direct qualitative detection and differentiation of virulence factors of EHEC, STEC and EPEC (genes for Shiga Toxin 1, Shiga Toxin 2 and eae) in human stool samples For use on the RIDA®UNITY system	Stool, Culture, Cary-Blair medium	96	UN2285***
	Multiplex Tandem PCR*			
RIDA Plex Faecal Pathogens M RIDA®Plex Faecal Bacteria and Parasites 12-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–
	Enzyme immunoassay			
RIDASCREEN® Verotoxin	Enzyme immunoassay for the detection of verotoxins 1 and 2 (shigatoxins 1 and 2) in a stool enrichment	mTSB-Bouillon	96	C2201
Enrichment broth	**Accessory**			
RIDASCREEN® Verotoxin Reference Controls	Referenzkontrollen A (positiv) und B (negativ)	–	2.0 mL (A) 2.0 mL (B)	CRP2204
RIDA® Anreicherungsbouillon	mTSB-bouillon with Mitomycin C for the enrichment of verotoxin (shigatoxin)-producing *Escherichia coli* bacteria	–	100	Z1000

* Only available in selected countries.
*** In development.

Gastrointestinal infections and diseases

Shigella spp.

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Sapovirus

Sapovirus	Real-time RT-PCR			
RIDA®GENE Sapovirus	Multiplex real-time RT-PCR for the direct qualitative detection of Sapovirus RNA in untreated human stool samples	Stool	100	PG1605
RIDA®UNITY Viral Stool Panel IV	Multiplex RT-real-time PCR for the direct qualitative detection and differentiation of Norovirus RNA (genogroup I and II), Enterovirus RNA and Sapovirus RNA in human stool samples For use on the RIDA®UNITY system	Stool, Cary-Blair medium	96	UN1345***
	Multiplex Tandem PCR*			
RIDA®Plex Enteric Viruses 8-well RIDA®Plex Faecal Pathogens M16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

* Only available in selected countries.
*** In developement.

Yersinia enterocolitica

Product	Description	Units		Art. No.
	Real-time PCR			
RIDA®GENE Bacterial Stool Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. *(C. coli, C. lari, C. jejuni)* and *Yersinia enterocolitica* DNA in untreated human stool samples	Stool	100	PG2405
RIDA®UNITY Bacterial Stool Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Salmonella* spp., *Campylobacter* spp. (*C. coli, C. lari, C. jejuni*) and *Yersinia enterocolitica* DNA in human stool samples Only for use on the RIDA®UNITY system	Stool, Cary-Blair medium***	96	UN2405
	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

Yersinia pseudotuberculosis

	Multiplex Tandem PCR*			
RIDA®Plex Faecal Bacteria and Parasites 12-well RIDA®Plex Faecal Pathogens A 16-well RIDA®Plex Faecal Pathogens M 16-well	For the multiplexed TandemPlex® Panels please refer to page 50 - 51	–	–	–

* Only available in selected countries.
*** In development.

Gastrointestinal infections and diseases

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex Faecal Pathogens M 16-well Step 1 Tubes	Multiplex tandem PCR (MT-PCR) for qualitative detection of *Salmonella* spp.; *Shigella* spp.; *Campylobacter jejuni; Campylobacter coli; Clostridium difficile* toxin A; *Clostridium difficile* toxin B; *Yersinia pseudotuberculosis; Yersinia enterocolitica; Aeromonas* spp.; *Escherichia coli* Shiga toxin 1; *Escherichia coli* Shiga toxin 2; Sapovirus; Rotavirus A; Norovirus genogroup I; Norovirus genogroup II; Adenovirus groups F and G; Astrovirus; *Giardia*; *Cryptosporidium (parvum and hominis); Entamoeba histolytica*	Stool	96 tubes	25039S
RIDA®Plex Faecal Pathogens M 16-well A Step 2 Plates			12x 384-well plates	25039P
	Multiplex Tandem PCR			
RIDA®Plex Enteric Viruses 8-well Step 1 Tubes	Multiplex tandem PCR (MT-PCR) for qualitative detection of Rotavirus A; Norovirus genogroup I; Norovirus genogroup II; Enterovirus; Adenovirus group F and G; Sapovirus; Astrovirus	Stool	96 tubes	85037S
RIDA®Plex Enteric Viruses 8-well Step 2 Plates			12x 384-well plates	85037P
	Multiplex Tandem PCR			
RIDA®Plex Faecal Pathogens A Step 1 Tubes	Multiplex tandem PCR (MT-PCR) for qualitative detection of *Salmonella* spp.; *Shigella* spp./EIEC; *Campylobacter jejuni; Campylobacter coli; C. difficile* Toxin A/B; *Yersinia enterocolitica; Yersinia pseudotuberculosis; Aeromonas* spp.: *Giardia lamblia; Cryptosporidium pavum; Cryptosporidium hominis; Entamoeba histolytica; Blastocycstis hominis; Dientamoeba fragilis;* Norovirus GI/GII; Rotavirus A; Adenovirus groups F ans G	Stool	96 tubes	25031S
RIDA®Plex Faecal Pathogens A Step 1 Tubes			12x 384-well plates	25031P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex Bacteria and Parasites 12-well Step 1 Tubes	Multiplex tandem PCR (MT-PCR) for qualitative detection of *Salmonella* spp.; *Shigella* spp.; *Campylobacter*; *E.coli* O157; *Clostridium difficile* toxin A; *Clostridium difficile* toxin B; *Yersinia enterocolitica*; *Yersinia pseudotuberculosis*; *Escherichia coli* Shiga toxin 1; *Escherichia coli* Shiga toxin 2; *Giardia; Cryptosporidium (parvum and hominis); E. histolytica*	Stool	96 tubes	85041S
RIDA®Plex Bacteria and Parasites 12-well Step 2 Plates			12x 384-well plates	85041P
	Multiplex Tandem PCR			
RIDA®Plex Parasites 8-well Step 1 Tubes	Multiplex tandem PCR (MT-PCR) for qualitative detection of *Giardia; Giardia duodenalis; Cryptosporidium* (*parvum* and *hominis*); *Dientamoeba fragilis; Entamoeba histolytica* (not dispar); *Blastocystis hominis* type 1; *Blastocystis hominis* type 3; *Cyclospora cayetanensis*	Stool	96 tubes	85021S
RIDA®Plex Parasites 8-well Step 2 Plates			12x 384-well plates	85021P
	Controls			
RIDA®Plex Positive Control Faecal Pathogens	The Synthetic Positive Controls are designed to be used as positive controls for RIDA®Plex GI panels	–	–	91031

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

Gastrointestinal infections and diseases

Automation solutions

Product	Description	Units	Art. No.
RIDA®GENE automation	**Real-time PCR**		
RIDA®UNITY	System for automated processing of a complete molecular diagnostic workflow: nucleic acid extraction, PCR setup and qPCR	1	ZUNITY
RIDA®CYCLER	The RIDA®CYCLER is a magnetic induction real-time PCR cycler with 4 channels (FAM, HEX/VIC, ROX, Cy5). For research use only. Not for use in diagnostic procedures	1	ZRCYCLER
RIDA®SEEK	RIDA®SEEK is an interpretation software that enables qualitative result interpretation from raw data generated by RIDA®GENE/RIDA®UNITY real-time PCR assays in conjunction with real-time PCR instruments	1	ZRIDASEEK
Automation for High-Multiplexed Panles			
Highplex Alliance™	The Highplex Alliance™ consists of the MT-Prep™ 24 for sample purification and the Highplex system for automated processing of TandemPlex® panels For detailed information please refer to page 84	1	–
Ultraplex Alliance™	The Ultraplex Alliance™ consists of the MT-Prep™ XL for sample purification and the Ultraplex 3 for automated processing of TandemPlex® panels For detailed information please refer to page 84	1	–

Sexually transmitted infections (STI) and Women's health

Genital infections and sexually transmitted diseases – unified solutions for diagnosis

Sexually transmitted infections (STIs) can seriously affect sexual health. The World Health Organization (WHO) estimated in 2020 that around 374 million new infections of four treatable STIs occur in people aged 15 to 49 worldwide every year, the majority of which are asymptomatic. If left untreated, STIs can lead to organ damage, infertility, cervical cancer or, in pregnant women, to serious illness and even death of the child.

A fast and reliable diagnosis of bacterial, fungal and viral genital infections or sexually transmitted diseases and their resistance is essential for appropriate treatment of the patient and prevention of pathogen transmission. The choice of the appropriate diagnostic method plays a crucial role. The validated and standardized solutions in the field of PCR offer advantages in terms of work and time, sensitivity, specificity and patient comfort.

R-Biopharm offers a comprehensive product portfolio for the diagnosis of genital infections or sexually transmitted diseases that meets the diagnostic and organizational requirements of small to medium-sized laboratories. Benefit from the ability to recognize and differentiate multiple pathogens and simultaneously identifying the optimal treatment plan (resistance determination).

PCR

Accessories

Atopobium vaginae

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
RIDA®Plex Vaginitis and Vaginosis 12-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Candida spp.

	Multiplex Tandem PCR*			
RIDA®Plex STI 16-well Vaginitis and Vaginosis 12-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Chlamydia trachomatis

	Multiplex Tandem PCR*			
STI 16-well Urinogenital and Resistance 12-well Urinogenital 8-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Gardnerella vaginalis

	Multiplex Tandem PCR*			
RIDA®Plex Vaginitis and Vaginosis 12-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Haemophilus ducreyi (RUO)

	Multiplex Tandem PCR*			
STI 16-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

* Only available in selected countries.

Sexually transmitted infections (STI) and Women's health

HSV1/HSV2

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
STI 16-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Lactobacillus spp.

	Multiplex Tandem PCR*			
RIDA®Plex Vaginitis and Vaginosis 12-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Mycoplasma spp.

	Real-time PCR			
RIDA®GENE STI Mycoplasma Panel	Multiplex real-time PCR for the direct qualitative detection and differentiation of *Mycoplasma hominis, Mycoplasma genitalium* and *Ureaplasma urealyticum/parvum* DNA in human genital swabs and urine	Genital swab/urine	100	PG4945
	Multiplex Tandem PCR*			
STI 16-well Urinogenital and Resistance 12-well Urinogenital 8-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Neisseria gonorrhoeae

	Multiplex Tandem PCR*			
STI 16-well Urinogenital and Resistance 12-well Urinogenital 8-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

* Only available in selected countries.

Streptococcus agalactiae (GBS)

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR*			
STI 16-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Treponema pallidum

	Multiplex Tandem PCR*			
STI 16-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Trichomonas vaginalis

	Multiplex Tandem PCR*			
STI 16-well Urinogenital and Resistance 12-well Urinogenital 8-well RIDA®Plex Vaginitis and Vaginosis 12-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

Ureaplasma spp.

	Multiplex Tandem PCR*			
STI 16-well Urinogenital and Resistance 12-well Urinogenital 8-well	For the multiplexed TandemPlex® Panels please refer to page 58 - 60	–	–	–

* Only available in selected countries.

Sexually transmitted infections (STI) and Women's health

High-Multiplexed Panels*

Product	Description	Matrix	Content	Art. No.
	Multiplex Tandem PCR			
STI 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of *Chlamydia trachomatis; Neisseria gonorrhoeae* (2 targets); *Trichomonas vaginalis; Mycoplasma genitalium; Candida albicans; Candida glabrata; Candida krusei (Pichia kudriavzevii); Ureaplasma urealyticum; Ureaplasma parvum; Mycoplasma hominis; Streptococcus agalactiae* (GBS); HSV-1; HSV-2; *Treponema pallidum; Haemophilus ducreyi* (RUO)*; Chlamydia trachomatis* LGV	Genital swabs, vaginal swab, urethral swab, endocervical swab, rectal swab, mouth swab, lesion swab, eye swabs, skin swab, urine, blood culture *(C. albicans, C. glabrata, C. krusei),* whole blood, faecal samples, semen, and CSF samples (only HSV-2 and HSV-1 have been detected using CSF samples)	96 tubes	27112S
STI 16-well Step 2 Plates			12x 384-well plates	27112P
	Multiplex Tandem PCR			
Urinogenital and Resistance 12-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of *Chlamydia trachomatis; Chlamydia trachomatis* LGV; *Neisseria gonorrhoeae opaJ; Neisseria gonorrhoeae* opaH; *Trichomonas vaginalis; Mycoplasma genitalium; Ureaplasma urealyticum; Ureaplasma parvum; Mycoplasma hominis; M. genitalium* 23S macrolide resistance; *M. genitalium* parC fluoroquinolone resistance; *N. gonorrhoeae* ceftriaxone resistance mosaic penA (RUO)	Genital swabs, vaginal swab, urethral swab, endocervical swab, rectal swab, mouth swab, lesion swab, eye swabs, skin swab, urine, and semen	96 tubes	87123S
Urinogenital and Resistance 12-well Step 2 Plates			12x 384-well plates	87123P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

High-Multiplexed Panels*

Product	Description	Matrix	Content	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex Vaginitis and Vaginosis 12-well Step 1 Tubes	RIDA®Plex panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of *Lactobacillus iners; Lactobacillus crispatus; Lactobacillus jensenii; Lactobacillus gasseri; Candida albicans; Candida tropicalis; Candida glabrata; Candida krusei; (Pichia kudriavzevii); Candida parapsilosis; Gardnerella vaginalis; Atopobium vaginae; Trichomonas vaginalis*	Vaginal swabs	96 tubes	87124S
RIDA®Plex Vaginitis and Vaginosis 12-well Step 2 Plates			12x 384-well plates	87124P
	Multiplex Tandem PCR			
RIDA®Plex High Risk HPV 12 well Step 1 (RUO)	For research purposes only. Not suitable for diagnostic procedures. Multiplex Tandem PCR (MT-PCR) for qualitative detection of HPV16; HPV18; HPV31; HPV33; HPV35; HPV39; HPV45; HPV51; HPV52; HPV56; HPV58; HPV59; HPV66; HPV68b.	–	96 tubes	83201S
RIDA®Plex High Risk HPV 12 well Step 2 (RUO)			12x 384-well plates	83201P
	Control			
Synthetic Positive Controls for HPV	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels	–	–	91191
Synthetic Positive Controls for STDs and Herpes	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels	–	–	91021

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

Sexually transmitted infections (STI) and Women's health

High-Multiplexed Panels*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
Viral and Syphilis 12 well Step 1 tubes	Multiplex Tandem PCR (MT-PCR) for qualitative detection of Herpes Simplex Virus 1 & 2; Varicella Zoster Virus; Epstein-Barr Virus; Cytomegalovirus; Herpes Virus 6; Enterovirus; Parechovirus; Adenovirus and *Treponema pallidum*	CSF, plasma/ serum, medullar plasma, whole blood, EDTA blood, culture, urine, vitreous fluid, ocular fluid, BAL, NPA, genital swab, oral swab, skin/ ulcer/vesicle swab, throat swab, anal swab, eye Swab	96 tubes	87095S
Viral and Syphilis 12 well Step 2 plates			12x 384-well plates	87095P
	Multiplex Tandem PCR			
Urinogenital 8 well Step 1 tubes	Multiplex Tandem PCR (MT-PCR) for qualitative detection of *Chlamydia trachomatis; Neisseria gonorrhoeae* – 2 assays; *Trichomonas vaginalis; Mycoplasma genitalium; Mycoplasma hominis; Ureaplasma parvum;Ureaplasma urealyticum.*	Genital swabs, vaginal swab, urethral swab, undocervical swab, rectal swab, eye swabs, urine and semen	96 tubes	27113S
Urinogenital 8 well Step 2 plates			12x 384-well plates	27113P
	Multiplex Tandem PCR			
RIDA®Plex Lesions and Ulcers 12 well Step 1 (RUO)	For research use only. Not suitable for diagnostic procedures. Herpes Simplex Virus 1 & 2; Varicella Zoster Virus; Adenovirus group B, C, E; Enterovirus; Mpox virus; *Chlamydia trachomatis; Chlamydia trachomatis* LGV*; Treponema pallidum; Haemophilus ducreyi*	–	96 tubes	87191S
RIDA®Plex Lesions and Ulcers 12 well Step 2 (RUO)			12x 384-well plates	87191P

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

Automation solutions

Product	Description	Units	Art. No.
RIDA®GENE automation			
RIDA®CYCLER	The RIDA®CYCLER is a magnetic induction real-time PCR cycler with 4 channels (FAM, HEX/VIC, ROX, Cy5). For research use only. Not for use in diagnostic procedures	1	ZRCYCLER
RIDA®SEEK	RIDA®SEEK is an interpretation software that enables qualitative result interpretation from raw data generated by RIDA®GENE/RIDA®UNITY real-time PCR assays in conjunction with real-time PCR instruments	1	ZRIDASEEK
Automation for High-Multiplexed panels			
RIDA®Xplore Alliance	The RIDA®Xplore Alliance consists of the RIDA®Xtract 24 for sample purification and the RIDA®Xplore system for automated processing of TandemPlex® and RIDA®Plex panels For detailed information please refer to page 84	1	–
RIDA®Jump Alliance	The RIDA®Jump Alliance consists of the RIDA®Xtract 96 for sample purification and the RIDA®Jump for automated processing of TandemPlex® panels For detailed information please refer to page 83	1	–

Allergology

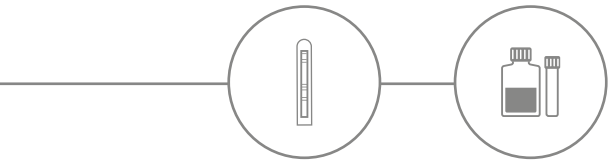
Allergy diagnostics through determination of specific IgE

The determination of IgE antibodies plays a decisive role in allergy diagnostics.

The most common allergic reactions are type I reactions, which occur mainly on epithelial surfaces (skin, lungs, gastrointestinal tract) and are characterized by the formation of specific IgE against the allergens. Upon repeated contact with these allergens, mast cells secrete histamine, which causes the symptoms of allergy. The symptoms of IgE-mediated allergies are very diverse and affect different organ systems especially skin, oropharyngeal mucosa, gastrointestinal tract, respiratory tract and cardiovascular system. There is also a risk of threatening anaphylactic reactions to insect venoms and food.

RIDA qLine® Allergy Lineblots detect IgE antibodies in serum or plasma for 20 allergens simultaneously. Standard panels 1-4 contain the allergens with high prevalence. With additional 24 region-specific panels, the IgE antibodies can be determined for a total of more than 160 different allergens. By the addition of the RIDA® CCD-Inhibitor, non-specific binding can be blocked.

The processing of the line blots is performed manually or fully automatically. The manual processing is supported by the corresponding devices. The RIDA qLine® Orbital Shaker is used for controlled shaking of the Lineblots during the incubation phases. The readout is executed by RIDA qLine® Scan. RIDA qLine® Soft evaluates the images and provides a detailed report. The entire processing and evaluation can be performed fully automatically with RIDA qLine® autoBlot. All devices are IVDR approved.



Immunoblot Accessories

Immunoblots

Product	Description	Matrix	Tests	Art. No.
	Immunoblots for antibody detection			
RIDA qLine® Allergy Panel 1	Immunoblot for quantitative determination of specific IgE. 13 inhalative and 7 food allergens: • *D. pteronyssinus* • *D. farinae* • Alder • Birch • Hazel • Grass mix • Rye • Mugwort • Ribwort plant • Cat • Horse • Dog • *A. alternata/ tenuis* • Egg white • Milk • Peanut • Hazelnut • Carrot • Wheat flour • Soy bean	Serum/ plasma (citrate)	10	A6142
RIDA qLine® Allergy Panel 2	Immunoblot for quantitative determination of specific IgE. 20 inhalative allergens: • *D. pteronyssinus* • *D. farinae* • Alder • Birch • Hazel • Oak • Grass mix • Rye • Mugwort • Ribwort plant • Cat • Horse • Dog • Guinea Pig • Golden Hamster • Rabbit • *Penicillium notatum* • *C. herbarum* • *Aspergillus fumigatus* • *A. alternata/ tenuis*	Serum/ plasma (citrate)	10	A6242
RIDA qLine® Allergy Panel 3	Immunoblot for quantitative determination of specific IgE. 20 Food allergens: • Hazelnut • Peanut • Walnut • Almond • Milk • Egg white • Egg yolk • Casein • Potato • Celery • Carrot • Tomato • Cod • Crab • Orange • Apple • Wheat flour • Rye flour • Sesame • Soya bean	Serum/ plasma (citrate)	10	A6342
RIDA qLine® Allergy Panel 4	Immunoblot for quantitative determination of specific IgE. 20 Pediatric allergens: • *D. pteronyssinus* • *D. farinae* • Birch • Grass mix • Cat • Dog • *Alternaria alternata/tenuis* • Milk • α-Lactalbumin • β-Lactoglobulin • Casein • Egg white • Egg yolk • Soya Bean • Carrot • Potato • Wheat flour • Hazelnut • Peanut • BSA	Serum/ plasma (citrate)	10	A6442
	Accessory			
RIDA® CCD-Inhibitor	Reagent for the Inhibition of cross-reactive anti-CCD IgE in RIDA qLine® Allergy	Serum/ plasma (citrate)	25	ZA0601

24 country specific panel compositions are available in addition. For further information please contact R-Biopharm AG.

Allergology

Automation solution

Product	Description	Units	Art. No.
RIDA qLine® automation			
RIDA qLine® autoBlot	Fully automated analyzer for the processing of up to 36 RIDA qLine® Allergy tests in one run	1	ZG3101
RIDA qLine® Scan	Scanner for RIDA qLine® Allergy	1	ZG1109
RIDA qLine® Orbital Shaker	Orbital shaker 300 rpm	1	ZG2601
RIDA qLine® Soft	Software for evaluation and documentation of RIDA qLine® Allergy tests	1	Z9995

Human genetics

Innovative solutions for the detection of genetic predispositions

Human genetics is now of great importance in all fields of medicine, since many diseases or abnormalities are associated with genetic causes.

The term human genetic diagnostics covers all analyses of human genetic information, the DNA. The analysis of DNA segments makes it possible to identify genetic predispositions that are associated with certain diseases. In many areas, genetic tests are already an important support in diagnostics.

R-Biopharm‘s test portfolio for human genetics offers solutions tailored to the diagnostic needs of laboratories. R-Biopharm uses the modern technology of real-time PCR. Depending on the diagnostic problem, it may be necessary in human genetics to detect individual, gene-specific point mutations. For this purpose, R-Biopharm uses an innovative technology that enables the detection of point mutations in real-time PCR. Benefit from our real-time PCR tests in human genetics, which offer precise analyses and advantages in terms of workload and time.

Take the advantage of the uniform processing and combinability of RIDA®GENE real-time PCR products.

Real-time PCR

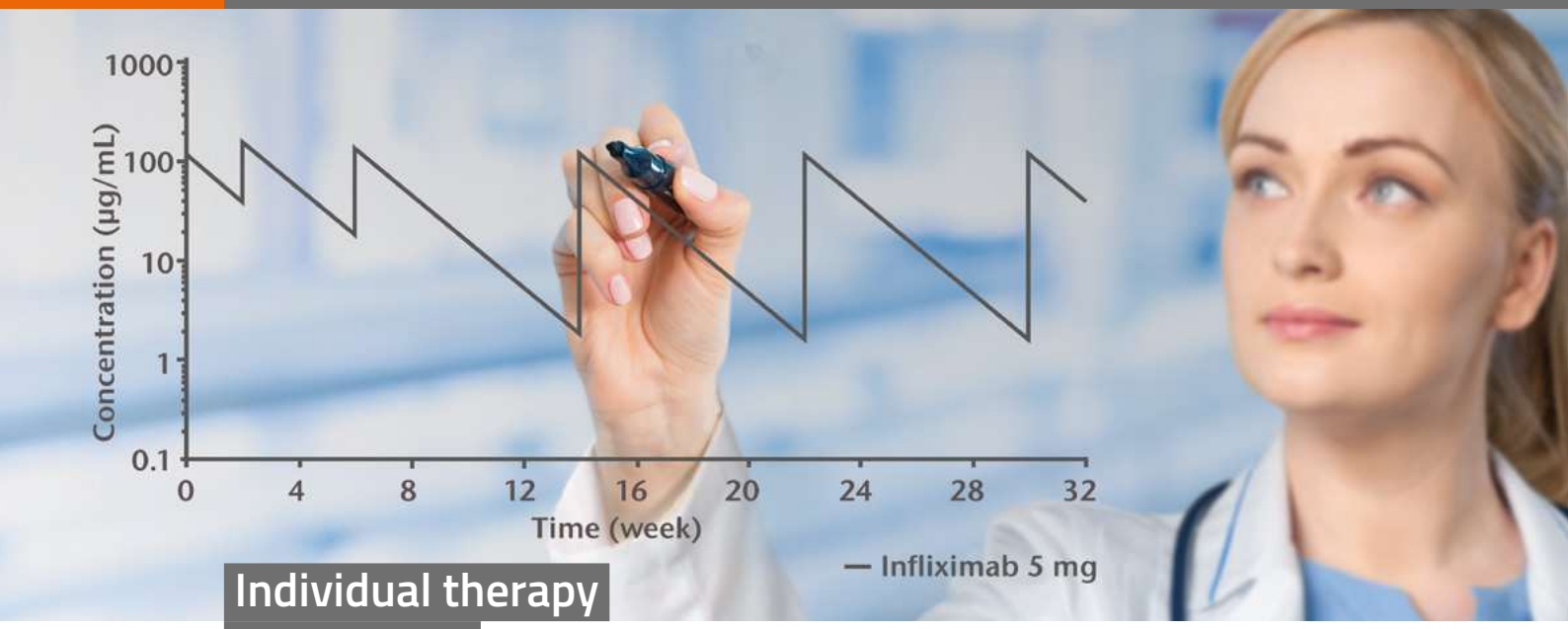
Rheumatic diseases

Product	Description	Matrix	Tests	Art. No.
	Real-time PCR			
RIDA®GENE HLA-B27	Real-time PCR for qualitative detection of the HLA-B27 alleles in genomic DNA from human EDTA whole blood samples The test is not to be used for tissue typing	EDTA whole blood	100	PY0205

Automation solutions

Product	Description	Units	Art. No.
	Real-time PCR		
RIDA®CYCLER	The RIDA®CYCLER is a magnetic induction real-time PCR cycler with 4 channels (FAM, HEX/VIC, ROX, Cy5). For research use only. Not for use in diagnostic procedures	1	ZRCYCLER
RIDA®SEEK	RIDA®SEEK is an interpretation software that enables qualitative result interpretation from raw data generated by RIDA®GENE/RIDA®UNITY real-time PCR assays in conjunction with real-time PCR instruments	1	ZRIDASEEK

Therapeutic drug monitoring



Individual therapy for patients

More than five million people worldwide suffer from inflammatory bowel diseases (IBD) such as Crohn's disease or ulcerative colitis.

Biologics (therapeutic antibodies) are an important therapy option. These include TNF-α blockers such as infliximab (Remicade® and the biosimilars Remsima® and Inflectra®), adalimumab (Humira® and the biosimilars Amgevita® and Imraldi®) and golimumab (Simponi®), the α4β7 integrin blocker vedolizumab (Entyvio®), or the antibody ustekinumab (Stelara®) against interleukin-12 and interleukin-23.

In therapeutic drug monitoring, the drug concentration in the patient's blood is measured regularly and the dosage is adjusted if necessary. This is important because drugs are metabolized differently in each patient due to individual pharmacokinetics, which means that different drug levels may be present despite identical doses. Each drug has its optimum effect within a certain concentration range, the therapeutic window. By measuring drug levels, personalized therapy can be provided to ensure that the drug is dosed correctly and can act optimally.

If drug levels are monitored during treatment, not only patients benefit. The cost-effectiveness of treatment can also be increased.

Benefit from our broad range of validated and standardized ELISA tests and choose a long-term therapeutic success and a better quality of life for your patients.

ELISA

Therapeutic drug monitoring (TDM)

Product	Description	Matrix	Tests	Art. No.
	Enzyme immunoassays			
RIDASCREEN® IFX Monitoring	Enzyme immunoassay for the quantitative determination of infliximab (IFX)	Serum/ plasma	96	G09041
RIDASCREEN® Anti-IFX Antibodies	Enzyme immunoassay for the quantitative determination of antibodies to infliximab (IFX)	Serum/ plasma	96	G09042
RIDASCREEN® ADM Monitoring	Enzyme immunoassay for the quantitative determination of adalimumab (ADM)	Serum/ plasma	96	G09043
RIDASCREEN® Anti-ADM Antibodies	Enzyme immunoassay for the quantitative determination of antibodies to adalimumab (ADM)	Serum/ plasma	96	G09044
RIDASCREEN® VDZ Monitoring	Enzyme immunoassay for the quantitative determination of vedolizumab (VDZ)	Serum/ plasma	96	G09045
RIDASCREEN® GLM Monitoring	Enzyme immunoassay for the quantitative determination of golimumab (GLM)	Serum/ plasma	96	G09047
RIDASCREEN® UST Monitoring	Enzyme immunoassay for the quantitative determination of ustekinumab (UST)	Serum/ plasma	96	G09049

Other diseases and infections

Further indications: antibotic resistance, fungal infections and infections of the central nervous system

In addition to classical diagnostic, other fields of indication play an important role in molecular diagnostics, including the detection of pathogens with resistance to antibiotics, mycosis or infections of the central nervous system.

Antibiotics are among the most important medical achievements and are indispensable in modern medicine. However, the number of pathogens showing resistance to these agents is increasing. Antibiotic-resistant pathogens are increasingly occurring where many antibiotics are used, such as in hospitals. Infections with resistant pathogens are usually more difficult to treat and can take a more complicated course. Early, rapid and systematic screening enables specific treatment of infected patients and the introduction of appropriate hygiene measures to prevent transmission and spread.

A fungal infection is also known as mycosis. Although most fungi are harmless to humans, some of them are capable of causing diseases under specific conditions. Especially in people with weakened immune systems, fungi are more likely to cause an infection. Therefore, it is important to diagnose the type of infection and recommend an appropriate antifungal medication.

Infectious diseases of the central nervous system including meningitis and encephalitis. In this case, the focus is on the examination of the cerebrospinal fluid (CSF). PCR makes it possible to detect the pathogen at an early stage of the disease. Such examinations are important in order to initiate the right therapy quickly and reliably.

R-Biopharm offers comprehensive testing solutions in the above-mentioned indication fields to meet the diagnostic needs of the laboratories. Benefit from our Multiplex Tandem PCR portfolio to find an optimal solution.

Real-time PCR Accessories

Critical testings – antibiotic resistance*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex CRE 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of Metallo ß-lactamase VIM; Metallo ß-lactamase pan-IMP; Metallo ß-lactamase IMP-14a; *Klebsiella pneumoniae* carbapenemase (KPC); New Delhi Metallo-ß-lactamases (NDM); Imipenemase resistance IMI; Carbapenemase SME; ß-lactamase GES; ß-lactamase OXA-23-like; ß-lactamase OXA-48-like; ß-lactamase OXA-51-like; Carbapenem-hydrolysing oxacillinase OXA-58; ß-lactamase pan-CMY; ß-lactamase CTX-M group 1; ß-lactamase CTX-M group 9; Bacteria 16S RNA	Bacterial colonies harvested directly from culture plates	96 tubes	21098S
RIDA®Plex CRE 16-well Step 2 Plates			12 x 384-well plate	21098P
	Multiplex Tandem PCR			
RIDA®Plex CRE EU 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of Metallo ß-lactamase VIM; Metallo ß-lactamase pan-IMP; Metallo ß-lactamase IMP-8; Metallo ß-lactamase IMP-14a; *Klebsiella pneumoniae* carbapenemase (KPC); New Delhi Metallo-ß-lactamases (NDM); Imipenemase resistance IMI; Carbapenemase SME; ß-lactamase GES; ß-lactamase SIM; ß-lactamase GIM; Colistin resistance mcr1; ß-lactamase OXA-48-like; ß-lactamase FRI; ß-lactamase SPM	Bacterial colonies harvested directly from culture plates, and rectal swabs	96 tubes	21099S
RIDA®Plex CRE EU 16-well Step 2 Plates			12 x 384-well plate	21099P
	Control			
Synthetic Positive Control for Bacteria and Bacterial Resistance	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels		–	91151

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

Other diseases and infections

Critical testings – antibiotic resistance*

Produkt	Beschreibung	Matrix	Tests	Art. Nr.
	Multiplex Tandem PCR*			
RIDA®Plex Staphylococcus & VRE 8-well Step 1 Tubes	TandemPlex® Panel features a Multiplex Tandem PCR (MT-PCR) for the qualitative detection of *Staphylococcus aureus nuc; Staphylococcus aureus femA; Enterococcus faecium; Enterococcus faecalis;* methicillin resistance mecA; vancomycin resistance vanA; Vancomycin resistance vanB	Bacterial colonies	96 tubes	21340S
RIDA®Plex Staphylococcus & VRE 8-well Step 2 Plates			12 x 384-well plate	21340P
	Real-time PCR			
RIDA®GENE MRSA	Multiplex real-time PCR for the direct qualitative detection of methicillin-resistant *Staphylococcus aureus* (MRSA) and methicillin-susceptible *Staphylococcus aureus* (MSSA) DNA from untreated human nasal/throat and wound swabs and culture	Nasal/throat swabs, wound swabs, culture	100	PG0605
RIDA®GENE PVL	Multiplex real-time PCR for the direct, qualitative detection of the PVL gene (Panton-Valentine Leukocidin) in culture samples	Culture	100	PG0645**
	Control			
Synthetic Positive Control for Bacteria and Bacterial Resistance	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels		–	91151

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

** In development.

Dermatophytes & other fungi*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex Dermatophytes and Other Fungi 12-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of *Trichophyton* spp.; *Trichophyton rubrum* complex; *Trichophyton interdigitale; Microsporum* spp.*; Microsporum canis; Epidermophyton floccosum; Nannizzia gypsea; Scopulariopsis* spp.*; Aspergillus* spp.*; Candida albicans; Candida guilliermondii; Candida parapsilosis; Candida glabrata*	Nail and toe clippings, hair roots, skin scrapings from the scalp, genitals, palms, feet, legs, arms, and abdomen	96 tubes	84115S
RIDA®Plex Dermatophytes and Other Fungi 12-well Step 2 Plates			12 x 384-well plate	84115P
RIDA®Plex Deramtopyhtes A 12 well Step 1 (RUO)	For research purposes only. Not suitable for diagnostic procedures. Multiplex Tandem PCR (MT-PCR) for qualitative detection of *Trichophyton* spp.; *Trichophyton rubrum* complex; *Metagrophytes* complex; *Microsporum* spp.; *Microsporum canis; Epidermophyton floccosum; Nannizzia gypsea*; *Scopulariopsis* spp.; *Candida albicans; Trichophyton indotineae*. To be used on the **RIDA®Xplore** and the **RIDA®Jump System***	–	96 tubes	84118S**
RIDA®Plex Deramtopyhtes A 12 well Step 2 (RUO)			12 x 384-well plate	84118P
	Control			
Synthetic Positive Controls for Fungal Panels	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels		–	91091

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

** In development.

Other diseases and infections

CSF-diagnostics*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
Viral Panel (12-well) A Step 1 Tubes	TandemPlex® Panel features Multiplex Tandem PCR (MT-PCR) for qualitative detection of Herpes Simplex Virus 1 & 2; varicella zoster virus; Epstein-Barr virus; cytomegalovirus; herpes virus 6 & 7; enterovirus; parechovirus; adenovirus.	CSF, plasma/ serum, bone marrow plasma, whole blood, EDTA blood, culture, stool, urine, vitreous fluid, ocular fluid, BAL, NPA, genital swab, oral swab, skin/ulcer/vesicle swab, throat swab, anal swab, eye Swab	96 tubes	27095S
Viral Panel (12-well) A Step 2 Plates			12 x 384-well plate	27095P
	Multiplex Tandem PCR			
RIDA®Plex CSF 16-well Step 1 Tubes	TandemPlex® panel feature multiplex tandem PCR (MT-PCR) for qualitative detection of *Neisseria meningitidis ctrA; Neisseria meningitidis sod; Streptococcus pneumoniae; Haemophilus influenzae* (RUO)*; Listeria monocytogenes; Leptospira interrogans; Mycobacterioum tuberculosis* complex; *Cryptococcus neoformans*; HSV-1 (Human herpesvirus 1); HSV-2 (Human herpesvirus 2); VZV (Human herpesvirus 3); EBV (Human herpesvirus 4; Enterovirus; Parechovirus	CSF samples	96 tubes	27050S
RIDA®Plex CSF 16-well Step 2 Plates			12 x 384-well plate	27050P
	Control			
Synthetic Positive Controls for CSF	The Synthetic Positive Controls are designed to be used as positive controls for TandemPlex® panels	–	–	91081

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

Sepsis diagnostics*

Product	Description	Matrix	Tests	Art. No.
	Multiplex Tandem PCR			
RIDA®Plex Blood Pathogens 24 Step 1 (RUO)	For research purposes only. Not suitable for diagnostic procedures. Multiplex-Tandem PCR for detection of *Staphylococcus spp.; Streptococcus spp.; Staphylococcus aureus* (mecA gene)*; Streptococcus pneumoniae; Streptococcus pyogenes; Streptococcus agalactiae* (Group B streptococcus)*; Enterococcus spp.; Enterococcus faecium; Enterococcus faecalis* (vanA gene, vanB gene)*; Enterobacteriaceae* spp.*; Proteus mirabilis; Serratia marcescens; Citrobacter freundii; Pseudomonas aeruginosa; Escherichia coli; Klebsiella pneumoniae; Listeria monocytogenes; Acinetobacter baumanii; Candida parapsilosis; Candida glabrata; Pichia kudriavzevii (Candida krusei); Candida albicans; Candida tropicalis* To be used on the **RIDA®Xplore** and the **RIDA®Jump system***	Nucleic acid extracts from positive blood culture bottles and bacterial isolates from culture plates	96 tubes	PX82411S RUO
RIDA®Plex Blood Pathogens 24 Step 2 (RUO)			12 x 384-well plate	PX82411P RUO

Automation solutions*

Product	Description	Units	Art. No.
	Multiplex Tandem PCR		
Highplex Alliance™	The Highplex Alliance™ consists of the MT-Prep™ 24 for sample purification and the Highplex system for automated processing of TandemPlex® panels For detailed information please refer to page 84	1	–
Ultraplex Alliance™	The Ultraplex Alliance™ consists of the MT-Prep™ XL for sample purification and the Ultraplex 3 for automated processing of TandemPlex® panels For detailed information please refer to page 84	1	–

* To be used on **Highplex, RIDA®XPlore, UltraPlex, RIDA®Jump**; Only available in selected countries.

Quality assessment controls by Microbix

Quality Control (QC) in clinical diagnostics ensures both precise and accurate patient sample results

Quality controls make it possible to identify and correct flaws in analytical processes of a lab, before potentially incorrect patient results are released. Verification of laboratory samples through regular quality control is critical to guarantee that patient testing is performed correctly and that it provides reliable results.

Microbix's portfolio of quality assessment products (QAPs™) currently includes PROCEEDx™, ONBOARDx™ and REDx™ branded quality controls for molecular and immunological diagnostic tests of bacterial and viral diseases by mimicking patient samples while being consistant, non-infectious, stable and cross-instrument compatible.

QAPs™ products are quality controls that support the accuracy of testing for respiratory viruses, gastrointestinal, high-risk types of HPV and other sexually transmitted infections.

REDx™ (CE) controls ensure the consistancy in performance of day-to-day laboratory testing thereby assist in determining reliable patient test results.

PROCEEDx™ (RUO) controls are used in research & development, for the verification of internal processes and the validation of testing systems. They can also be used for the training of laboratory personnel.

The **ONBOARDx**™ (RUO) kits are all-encompassing verification and validation kits for detailed qualification of instruments, assays, as well as operator trainings. They are composed of PROCEEDx™ (RUO) controls.

Accessories

Quality assessment controls by Microbix

Gastrointestinal infections

Product	Format	Test compatibility	Art. No.
Viruses			
PROCEEDx™ Adeno F40/41	Vial 1 mL	Nucleic acid	VP-128-01
PROCEEDx™ Astrovirus Positive Sample	Vial 1 mL	Nucleic acid	VP-117-01
PROCEEDx™ Norovirus GI Positive Sample	Vial 1 mL	Nucleic acid	VP-136-01
PROCEEDx™ Norovirus GII Positive Sample	Vial 1 mL	Nucleic acid	VP-118-01
PROCEEDx™ Rotavirus Positive Sample MDx	Vial 1 mL	Nucleic acid	VP-119-01
PROCEEDx™ Rotavirus Positive Sample	Vial 1 mL	Immunoassay	VP-35-01
PROCEEDx™ Sapovirus Positive Sample	Vial 1 mL	Nucleic acid	VP-116-01
Bacteria			
PROCEEDx™ *Enterotoxigenic E. coli* Positive	Vial 1 mL	Nucleic acid	VP-130-01
PROCEEDx™ *Campylobacter jejuni* Positive Sample	Vial 1 mL	Nucleic acid	VP-123-01
PROCEEDx™ *Clostridium difficile* Positive	Vial 1 mL	Nucleic acid	VP-125-01
PROCEEDx™ *Clostridium difficile* GDH/Toxin A/Toxin B Positive Swab	Swab	Immunoassay	VP-S-39-02
PROCEEDx™ FLOQ® *H. pylori* Positive Swab	Swab	Nucleic acid	VP-S-27-M1
PROCEEDx™ FLOQ® *H. pylori* Positive Swab	Swab	Immunoassay	VP-S-27-01
PROCEEDx™ *Plesiomonas shigelloides* Positive	Vial 1 mL	Nucleic acid	VP-131-01
PROCEEDx™ *Salmonella enteritidis* Positive Sample	Vial 1 mL	Nucleic acid	VP-126-01
PROCEEDx™ Shiga Toxin producing *E. coli* Positive Sample	Vial 1 mL	Nucleic acid	VP-127-01
PROCEEDx™ *Shigella sonnei* Positive Sample	Vial 1 mL	Nucleic acid	VP-121-01
PROCEEDx™ *Vibrio parahaemolyticus* Positive	Vial 1 mL	Nucleic acid	VP-122-01
PROCEEDx™ *Yersinia enterocolitica* Positive Sample	Vial 1 mL	Nucleic acid	VP-124-01
PROCEEDx™ Negative Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-99-01
Parasites			
PROCEEDx™ *Cryptosporidium parvum* Positive Sample	Vial 0.5 mL	Nucleic acid, immunoassay	VP-37-01
PROCEEDx™ *Giardia lamblia* Positive Sample	Vial 0.5 mL	Nucleic acid, immunoassay	VP-38-01
PROCEEDx™ *Cryptosporidium parvum* and *Giardia lamblia* Positive Sample	Vial 0.5 mL	Nucleic acid, immunoassay	VP-37-02
Multiplex			
PROCEEDx™ Enteric Viral Panel Positive Sample (Sapovirus, Astrovirus, Norovirus GII, Rotavirus, Adenovirus)	Vial 1 mL	Nucleic acid	VP-115-M1
PROCEEDx™ Enteric Bacterial Panel 1 Positive (Product is formulated with inactivated *Shigella sonnei*, *Campylobacter jejuni*, *Salmonella enteritidis*, and STEC)	Vial 1 mL	Nucleic acid	VP-120-M1
PROCEEDx™ Enteric Bacterial Panel 2 Positive (Product is formulated with inactivated *Vibrio parahaemolyticus*, *Yersinia enterocolitica*, *Plesiomonas shigelloides*, and ETEC)	Vial 1 mL	Nucleic acid	VP-129-M1
PROCEEDx™ Enteric Parasite Panel Positive Sample (Product is formulated with *Cryptosporidium parvum*, *Giardia lamblia*, *Entamoeba histolytica*)	Vial 1 mL	Nucleic acid	VP-165-M1

Quality assessment controls by Microbix

Respiratory infections

Product	Format	Test compatibility	Art. No.
Viruses			
PROCEEDx™ Adenovirus Positive Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-15-01
PROCEEDx™ Influenza A Positive Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-13-01
PROCEEDx™ Influenza A Positive Swab	Swab	Nucleic acid, immunoassay	VP-S-13-01
PROCEEDx™ Influenza B Positive Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-14-01
PROCEEDx™ Influenza B Positive Swab	Swab	Nucleic acid, immunoassay	VP-S-14-01
PROCEEDx™ Influenza A + B Positive Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-13-02
PROCEEDx™ Parainfluenza 3 Positive Sample	Vial 1 mL	Nucleic acid	VP-10-M1
PROCEEDx™ Respiratory Syncytial Virus (RSV) Positive Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-07-01
PROCEEDx™ RSV Positive Swab	Swab	Nucleic acid, immunoassay	VP-S-07-01
PROCEEDx™ SARS-CoV-2 Positive Sample	Vial 0.5 mL	Nucleic acid	VP-19-01
REDx™ SARS-CoV-2 Positive Sample	Vial 0.5 mL	Nucleic acid	RED-19-01
REDx™ FLOQ® SARS-CoV-2 Positive Swab	Swab	Nucleic acid	RED-S-19-01
REDx™FLOQ® SARS-CoV-2 Ag Positive Swab	Swab	Immunoassay	RED-S-19-02
REDx™ FLOQ® Respiratory Negative Swab	Swab	Immunoassay	RED-S-99-01
REDx™ SARS-CoV-2 Negative Swab	Swab	Nucleic acid	RED-S-99-M4
Multiplex			
REDx™FLOQ® SARS-CoV-2/Flu A&B/RSV Swab Pos Ctrl	Swab	Nucleic acid	RED-S-19-M1

Sexual transmitted infections

Product	Format	Test compatibility	Art. No.
PROCEEDx™ *Chlamydia trachomatis* + *Neisseria gonorrhoeae* Positive Sample	Vial 1 mL	Nucleic acid	VP-12-M2
PROCEEDx™ FLOQ® *Chlamydia trachomatis* + *Neisseria gonorrhoeae* Positive Swab	Swab	Nucleic acid	VP-S-12-M2
PROCEEDx™FLOQ® *Haemophilus ducreyi* Positive Swab	Swab	Nucleic acid	VP-S-141-M1
PROCEEDx™ HSV 1 and HSV 2 Positive Sample	Vial 1 mL	Nucleic acid	VP-02-M2
PROCEEDx™ FLOQ® HSV 1&2/VZV Positive Swab	Swab	Nucleic acid	VP-S-02-M5
PROCEEDx™ *Tricomonas vaginalis* Positive Sample	Vial 1 mL	Nucleic acid, immunoassay	VP-61-01
PROCEEDx™ FLOQ® *Trichomonas vaginalis* + *Mycoplasma genitalium* Positive Swab	Swab	Nucleic acid	VP-S-61-M2
PROCEEDx™ STI Negative Control	Vial 1 mL	Nucleic acid	VP-99-M1
PROCEEDx™ NAAT Negative Swab	Swab	Nucleic acid	VP-S-99-M4
Multiplex			
PROCEEDx™FLOQ® CT/NG/TV Positive Swab	Swab	Nucleic acid	VP-S-12-M4
PROCEEDx™FLOQ® CT/NG/TV/MG Positive Swab	Swab	Nucleic acid	VP-S-12-M5
PROCEEDx™ FLOQ® HSV 1&2/VZV/ *T. pallidum* Positive Swab	Swab	Nucleic acid	VP-S-03-M1

Women's health

Product	Format	Test compatibility	Art. No.
PROCEEDx™ Bacterial Vaginosis Panel Positive Swab (Product is formulated with inactivated *Gardnerella vaginalis*, *Atopobium vaginae*, *Megasphaera* 1, BVAB2, *Lactobacillus crispatus*, *Lactobacillus jensenii*, *Trichomonas vaginalis*, and human cells)	Swab	Nucleic acid	VP-S-105-M1
PROCEEDx™ Candida Panel Positive Swab	Swab	Nucleic acid	VP-S-102-M2
REDx™ HPV 16/18/45 Positive Sample	Vial 1 mL	Nucleic acid	RED-62-M1
REDx™ HPV 31/33/66 Positive Sample	Vial 1 mL	Nucleic acid	RED-62-M2
REDx™ HPV 39/51/52 Positive Sample	Vial 1 mL	Nucleic acid	RED-62-M3

Further controls upon request.

Automation

Tailored system solutions for your workflow

Reliable products and highest quality are standards in clinical laboratories. Moreover, time and costs play an increasingly important role, which have to be addressed with suitable automation solutions.

In cooperation with renowned partners, R-Biopharm offers automation and software solutions from small to high sample throughput for your individual laboratory requirements. Combined with its unparalleled service, R-Biopharm matches today's laboratories' needs.

Systems & software
R-Biopharm offers different platforms for real-time PCR, Multiplex Tandem PCR (MT-PCR), rapid tests, ELISA and immunoblots.

- The new molecular diagnostic platform **RIDA®UNITY** allows fully automated processing of samples to result interpretation via RIDA®SEEK software.

- The semi-automated platforms **RIDA®Xplore Alliance** and **RIDA®Jump Alliance** provide high-level multiplexing solutions for syndromic testing based on molecular diagnostics.

- For smaller labs, the reliable **RIDA®CYCLER** is a compact and flexible 4-channel real-time PCR instrument based on innovative magnetic induction technology (for research use only).

- R-Biopharm's **RIDASCREEN®** ELISA tests can be easily applied on DYNEX automation systems.

- **RIDA qLine® autoBlot** enables automated allergy testing combined with a convenient software solutions for measurement, evaluation and documentation of RIDA qLine®.

Service
It is R-Biopharm's ambition to accompany you as a reliable partner during planning, installation and later in your daily routine. Therefore, R-Biopharm's application specialists are always on your disposal and work continuously on the improvement, updating and validation of all systems and instruments.

Molecular diagnostics

Product	Description	Units	Art. No.
RIDA®GENE automation			
RIDA®CYCLER	The RIDA®CYCLER is a magnetic induction real-time PCR cycler with 4 channels (FAM, HEX/VIC, ROX, Cy5). For research use only. Not for use in diagnostic procedures	1	ZRCYCLER
RIDA®CYCLER-MIC-Tubes	Box with 960 reaction tubes and caps	1	ZRC-MIC-TUBES
RIDA®CYCLER TVS	Temperature verification system for RIDA®CYCLER	1	ZRCYCLER-TVS
RIDA®SEEK	RIDA®SEEK is an interpretation software that enables qualitative result interpretation from raw data generated by RIDA®GENE/ RIDA®UNITY real-time PCR assays in conjunction with real-time PCR instruments	1	ZRIDASEEK
RIDA®UNITY system			
RIDA®UNITY	System for automated processing of a complete molecular diagnostic workflow: nucleic acid extraction, PCR setup and qPCR	1	ZUNITY
RIDA®UNITY system consumables			
RIDA®UNITY Internal Control Kit	The RIDA®UNITY Internal Control Kit is intended for control of automated isolation and purification, amplification, and detection of nucleic acids in connection with the RIDA®UNITY Universal Extraction Kit and the RIDA®UNITY PCR kits on the RIDA®UNITY system	576	UN0010
RIDA®UNITY Universal Extraction Kit	The RIDA®UNITY Universal Extraction Kit is intended for the automated isolation and purification of nucleic acids from defined human biological samples and is carried out on the RIDA®UNITY system	96	UN0001
Starterkit RIDA®UNITY & CFX96Dx	Starterkit for at least 5*96 Extractions and 5*96 PCR Reactions (RIDA®UNITY & CFX96)	1	ZUNITY-STARTER-CFX
Starterkit RIDA®UNITY	Starterkit for at least 5*96 Extractions and 5*96 PCR Reactions (only RIDA®UNITY)	1	ZUNITY-STARTER
MIC TUBES mit V-Caps	Preracked MIC TUBES with V-CAPS for use on the RIDA®UNITY	960	ZRU-VTUBES
MIC TUBES mit V-Caps	Preracked MIC TUBES with V-CAPS for use on the RIDA®UNITY (alternative to ZRU-VTUBES)	960	ZRU-VTUBES-B

Automation

Molecular diagnostics

Product	Description	Units	Art. No.
RIDA®UNITY system consumables			
50 µL CO-RE Tips	Barcoded with filter, sterile	5760	ZRU-50T
1000 µL CO-RE Tips	Barcoded with filter, sterile	3840	ZRU-1000T
Deep well plates 2.2ml	Barcoded	32	ZRU-DWP
Fisherbrand 96 Deep Well Platten, 2,0 mL	96 deep well plates as protection	60	ZRU11391555
RIDA®UNITY Drip Tray	96 well plate as protection (alternative to ZRU11391555)	50	ZRU95029180
RIDA®UNITY PCR Master Mix Tube	Barcoded	500	ZRU-72.694.415
RIDA®UNITY PCR Master Mix Tube	Barcoded (alternative to ZRU-72.694.415)	500	ZRU-72.694.005
Waste Bags	Waste bags for pipette tips	200	ZRU-53686-01
Screw cap, natural, suitable for screw cap micro tubes	For recapping PCR reagents	500	ZRU-65.716.725
RIDA®UNITY Elution Plate	Barcoded, 96-round-well microtiter plate, clear polypropylene, 200-µL wells, V-shaped bottom, low binding properties	50	ZRU-SP-0849
RIDA®UNITY Plate Sealing Film	Microtiter plate sealing film (130 x 80 mm)	100	ZRU-SP-0850
RIDA®UNITY CFX96 Plate	Barcoded PCR plate for external Bio-Rad Cycler	50	ZRU-SP-0848
Plate Sealing Film (CFX96 Dx)	PCR plate sealing film for external Bio-Rad Cycler	100	ZCFXMSB1001
RIDA®UNITY Tara-Tubes	RIDA®UNITY Tara-Tubes	48	ZRU-TARA

Molecular diagnostics

Product	Description	Units	Art. No.
RIDA®Jump Alliance			
RIDA®Xtract 96	Automated extraction system for up to 96 samples per run	1	96120
RIDA®Jump System	RIDA®Jump processor for automated MT-PCR, **standard** configuration. Up to 96 samples per run; including **2x** RIDA®Cycler 384	1	96221-2
	RIDA®Jump processor for automated MT-PCR, **standard** configuration. Up to 96 samples per run; including **3x** RIDA®Cycler 384	1	96221-3
	RIDA®Jump processor for automated MT-PCR, **standard** configuration. Up to 96 samples per run; including **4x** RIDA®Cycler 384	1	96221-4
	RIDA®Jump processor for automated MT-PCR, **extraction-free** configuration. Up to 96 samples per run; including **2x** RIDA®Cycler 384	1	96221-2X
	RIDA®Jump processor for automated MT-PCR, **extraction-free** configuration. Up to 96 samples per run; including **3x** RIDA®Cycler 384	1	96221-3X
	RIDA®Jump processor for automated MT-PCR, **extraction-free** configuration. Up to 96 samples per run; including **4x** RIDA®Cycler 384	1	96221-4X
RIDA®Xtract 96 consumables			
RIDA®Xtract 96 DNA/RNA Kit	Universal extraction kit for RIDA®Xtract 96	4 x 96 reactions	93610
RIDA®PrepX Swab Elution Buffer Kit	2 mL tubes containing swab elution buffer	200 tubes	90210
TF-line Deep Well Plate 96	Deep Well Plate 96	50 pcs	93605
TF-line Tip Comb 96	Tip Comb 96	100 pcs	93606
H-line Reagent Trough	Reagent Trough, 60 mL	24 pcs	93608
1000 µL H-line CO-RE conductive tips	Conductive tips, 1000 µL	3840 tips	93609
H-line Tip disposal bags	Tip disposal bags for RIDA®Xtract 96	100 pcs	94504
RIDA®Jump consumables			
Dilution plates	Additional dilution plates	6 pcs	90020
Sealing Films for Step 2	Adhesive sealing films for MT-PCR assay plates	100 pcs	90201
50 µL T-line conductive tips	Conductive tips, 50 µL	2304 tips	93061
200 µL T-line conductive tips	Conductive tips, 200 µL	2304 tips	93062
1000 µL T-line conductive tips	Conductive tips, 1000 µL	2304 tips	94741
T-line Tip disposal bags	Tip disposal bags for RIDA®Jump	100 bags	94503

Automation

Molecular diagnostics

Product	Description	Units	Art. No.
RIDA®Xplore Alliance			
RIDA®Xtract 24	Automated extraction system for up to 24 samples per run	1	96420
RIDA®Xplore system	RIDA®Xplore processor and RIDA®Cycler 384 (for Step-2 PCR)	1	96521
RIDA®Xtract 24 consumables			
RIDA®Xtract 24 Pathogen Kit	Universal extraction kit for RIDA®Xtract 24	48 reactions	93010
RIDA®PrepX Swab Elution Buffer Kit	2 mL tubes containing swab elution buffer	200 tubes	90210
RIDA®Xplore consumables			
100 uL A-line non-conductive tips	Non-conductive tips, 100 µL	4800 tips	93250
Dilution Plates	Additional dilution plates	6 pcs	90020
Sealing Films for Step-2	Adhesive sealing films for MT-PCR assay plates	100 pcs	90201
HP-line Tip disposal bags	Tip disposal bags for RIDA®Xplore	100 bags	91502
Bleach Tubes	5 mL tubes for bleaching step on RIDA®Xplore	60 tubes	91503
RIDA®Xplore/HighPlex			
RIDA® Plex S DNA Cassette	Reagent cassettes contain the mixture of enzymes and buffers required for Polymerase Chain Reaction (PCR) during the Step 1 and Step 2 reactions To be used on the **HighPlex and Xplore system** S Cassettes are for 8-well panels; L for 12-well, 16-well, and 24-well	–	40241
RIDA® Plex S RNA Cassette		–	40341
RIDA® Plex L DNA Cassette		–	40231
RIDA® Plex L RNA Cassette		–	40331
UltraPlex			
RIDA® Plex Low DNA Reservoir	Reagent reservoir contain the mixture of enzymes and buffers required for Polymerase Chain Reaction (PCR) during the Step 1 and Step 2 reactions To be used on the **UltraPlex system** Low Reservoirs are for 8-well; medium for 12-well, 16-well, and 24-well	–	40431
RIDA® Plex Low RNA Reservoir		–	40531
RIDA® Plex Medium DNA Reservoir		–	40421
RIDA® Plex Medium RNA Reservoir		–	40521
RIDA® Jump			
RIDA® Plex S DNA Reservoir	Reagent reservoir contain the mixture of enzymes and buffers required for Polymerase Chain Reaction (PCR) during the Step 1 and Step 2 reactions To be used on the **Jump system**	–	40631
RIDA® Plex S RNA Reservoir		–	40731
RIDA® Plex M DNA Reservoir		–	40621
RIDA® Plex M RNA Reservoir		–	40721
RIDA® Plex L DNA Reservoir		–	40611
RIDA® Plex L RNA Reservoir		–	40711

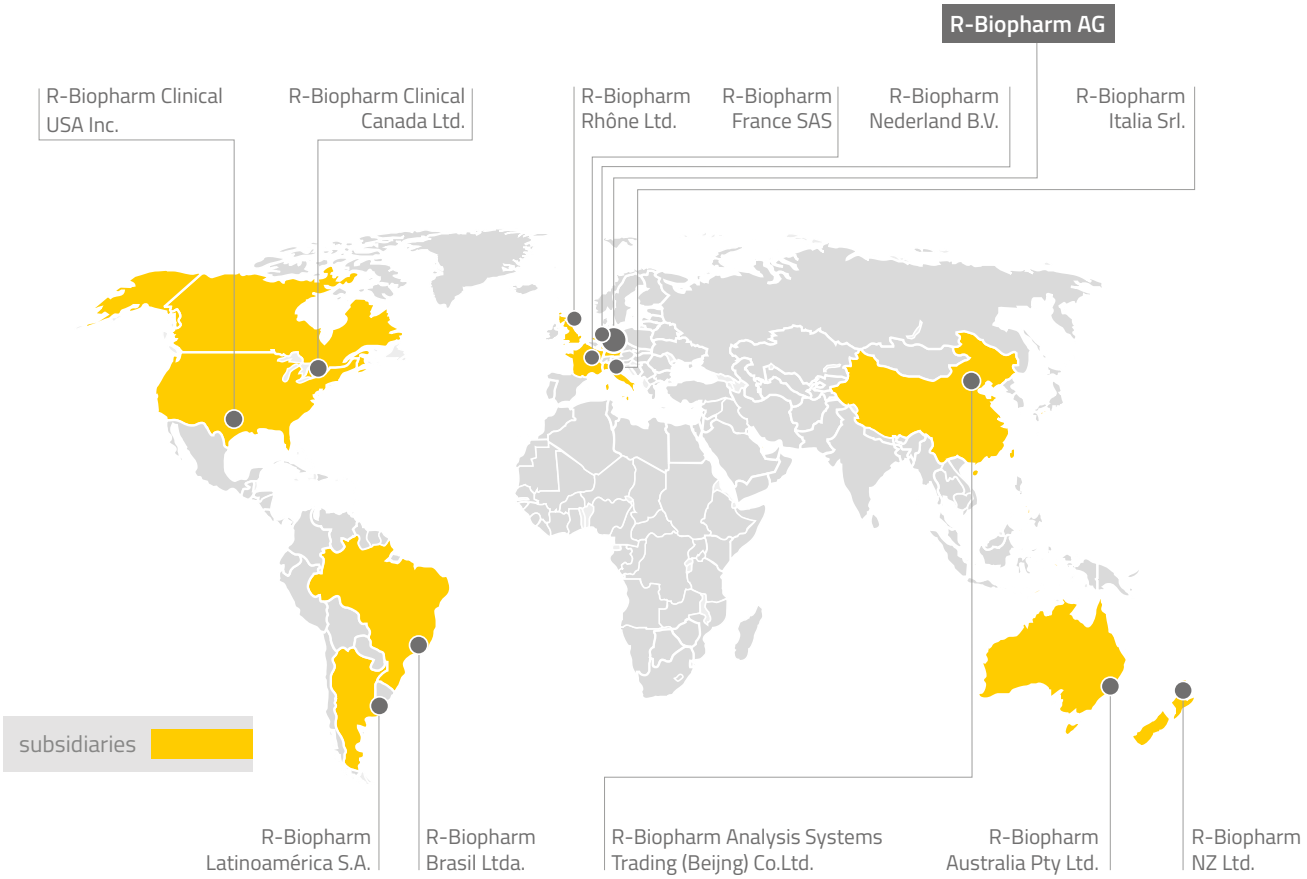
Lateral Flow

Product	Description	Units	Art. No.
RIDA® Q3	Lateral flow reader for RIDA®QUICK TB (Art. No. TN8802)	1	ZRQ3
Honeywell Xenon 1900	2D barcode scanner for RIDA®Q3 (Art. No. ZRQ3)	1	ZBS
Instrument Check Cartridge	Control cartridge for control measurements on RIDA®Q3 (Art. No. ZRQ3)	1	P005605

Blot systems and evaluation software

RIDA qLine® autoBlot	Fully automated analyzer for the processing of up to 36 RIDA qLine® Allergy tests in one run	1	ZG3101
RIDA qLine® autoBlot Pipet tips	Pipet tips for RIDA qLine® autoBlot Box of 100 trays à 96 tips	9600 pcs.	Z0013
RIDA qLine® autoBlot Screw top bottle 20 mL	Screw top bottle (20 mL) for RIDA qLine® autoBlot Box of 120 pcs.	120 pcs.	Z0014
RIDA qLine® autoBlot Maintenance Pack	Maintenance pack for RIDA qLine® autoBlot	1	ZATB-F-MPK
RIDA qLine® Scan	Scanner for RIDA qLine® Allergy (CE-IVD)	1	ZG1109
RIDA qLine® Incubation set	Strip holder and cover for RIDA qLine® Allergy tests	1	ZG2701
RIDA qLine® Orbital Shaker	Orbital shaker 300 rpm	1	ZG2601
RIDA qLine® QC-Kit	10 test strips for function control of the evaluation unit	10 pcs.	ZG1108
RIDA qLine® Soft	Software for measurement, evaluation and documentation of RIDA qLine® Allergy tests	1	Z9995

R-Biopharm Clinical – contact us



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