

Reliable quality controls

For your diagnostics



REDx™ (CE)

REDx™ products are unassayed controls that can be used for ongoing external quality control, benchmarking laboratory testing performance, operator training & competency, and end-to-end workflow evaluation.

PROCEEDx™ (RUO)

Used for assay verification/validation, training, and R&D purposes.

ONBOARDx™ (RUO)

For assay verification/validation, instrument qualification and operator training. Consists of various PROCEEDx™ samples.

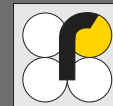
Quality controls from Microbix to support any laboratory

With the help of External Quality Controls it is possible to find and correct errors in the pre-analytical, analytical, and post-analytical phases of an assay workflow to ensure the delivery of accurate results. The External Quality Controls resemble patient specimens and are prepared and processed according to the diagnostic manufacturer's instructions for handling patient specimens. When used regularly, a laboratory should be able to detect deviations in the assay workflow early on.

Microbix's Quality Assessment Products (QAPs™) portfolio currently offers quality controls under the brands PROCEEDx™, ONBOARDx™ and REDx™, which can be used together with tests for molecular and immunological diagnosis of bacterial, viral and parasite associated diseases in the areas of respiratory infections, gastrointestinal infections, sexually transmitted infections, genital ulcer disease infections, and human papillomavirus infections.

Product	Format	Test compatibility	Art. No.	
Respiratory infections			PROCEEDx™	REDx™ Controls
Adenovirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-15-01	
Adenovirus + Rotavirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-15-02	
Influenza A Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-13-01	
	Swab	Nucleic acid; Immunoassay	VP-S-13-01	
Influenza A + B Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-13-02	
Influenza A + RSV Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-13-03	
Influenza A + Adenovirus Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-13-04	
Influenza A + Rotavirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-13-05	
Influenza B Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-14-01	
	Swab	Nucleic acid; Immunoassay	VP-S-14-01	
Influenza B + RSV Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-14-02	
Influenza B + Adenovirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-14-03	
Influenza B + Rotavirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-14-04	
Parainfluenza 3 Positive	Vial (1.0 mL)	Nucleic acid	VP-10-M1	
RSV Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-07-01	
	Swab	Nucleic acid; Immunoassay	VP-S-07-01	
RSV + Adenovirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-07-02	
RSV + Rotavirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-07-03	
SARS-CoV-2 Negative	Vial (0.5 mL)	Nucleic acid	VP-99-M3	RED-99-M3
	Swab	Nucleic acid	VP-S-99-M4	RED-S-99-M4
SARS-CoV-2 Positive	Vial (0.5 mL)	Nucleic acid	VP-19-01	RED-19-01
	Swab	Nucleic acid	VP-S-19-01	RED-S-19-01
SARS-Cov-2 Ag Positive	Swab	Immunoassay	VP-S-19-02	RED-S-19-02
SARS-CoV-2 + Influenza A + Influenza B + RSV Positive	Swab	Nucleic acid	VP-S-19-M1	RED-S-19-M1
Respiratory Swab Negative Control	Swab	Nucleic acid; Immunoassay	VP-S-99-01	RED-S-99-01

* Products are compatible with nucleic acid tests by design and QC released only by immunological tests



Product	Format	Test compatibility	Art. No.	
Sexually transmitted infections			PROCEEDx™	REDx™ Controls
<i>Chlamydia trachomatis</i> Positive	Vial (1.0 mL)	Nucleic acid	VP-12-M1	
	Vial (1.0 mL)	Immunoassay	VP-12-01	
<i>Chlamydia trachomatis</i> + <i>Neisseria gonorrhoeae</i> Positive	Vial (1.0 mL)	Nucleic acid	VP-12-M2	
CT/NG/TV Swab Positive	Swab	Nucleic acid	VP-S-12-M4	
CT/NG/TV/MG Swab Positive	Swab	Nucleic acid	VP-S-12-M5	
<i>Neisseria gonorrhoeae</i> Positive	Vial (1.0 mL)	Nucleic acid	VP-17-M1	
<i>Trichomonas vaginalis</i> Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-61-01	
<i>Mycoplasma genitalium</i>	Vial (1.0 mL)	Nucleic acid	VP-63-01	RED-63-01
<i>M. genitalium</i> A2059G Swab Positive	Swab	Nucleic acid	VP-S-63-02	RED-S-63-02
<i>M. genitalium</i> A2058G Swab Positive	Swab	Nucleic acid	VP-S-63-03	RED-S-63-03
<i>M. genitalium</i> A2059C Swab Positive	Swab	Nucleic acid	VP-S-63-04	RED-S-63-04
<i>M. genitalium</i> A2058T Swab Positive	Swab	Nucleic acid	VP-S-63-05	RED-S-63-05
<i>M. genitalium</i> A2058C Swab Positive	Swab	Nucleic acid	VP-S-63-06	RED-S-63-06
Bacterial Vaginosis Panel Swab Positive <i>Gardnerella vaginalis</i> , <i>Megasphaera</i> 1, BVAB2, <i>Lactobacillus crispatus</i> , <i>Lactobacillus</i> <i>jensenii</i> , <i>Atopobium vaginae</i> , <i>Trichomonas</i> <i>vaginalis</i>	Swab	Nucleic acid	VP-S-105-M1	
Candida Panel Swab Positive <i>Candida albicans</i> , <i>Candida glabrata</i> , <i>Candida krusei</i>	Swab	Nucleic acid	VP-S-102-M2	
HPV 16 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-16	RED-62-16
HPV 16 Swab Positive	Swab	Nucleic acid	VP-S-62-16	
HPV 18 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-18	RED-62-18
HPV 18 Swab Positive	Swab	Nucleic acid	VP-S-62-18	
HPV 31 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-31	RED-62-31
HPV 33 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-33	RED-62-33
HPV 39 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-39	RED-62-39
HPV 45 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-45	RED-62-45
HPV 45 Swab Positive	Swab	Nucleic acid	VP-S-62-45	
HPV 51 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-51	RED-62-51
HPV 52 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-52	RED-62-52
HPV 66 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-66	RED-62-66
HPV 67 Positive (hr Negative)	Vial (1.0 mL)	Nucleic acid	VP-62-67	RED-62-67
HPV 16/18/45 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-M1	RED-62-M1
HPV 16/18/45 Swab Positive	Swab	Nucleic acid	VP-S-62-M1	
HPV 31/33/66 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-M2	RED-62-M2
HPV 39/51/52 Positive	Vial (1.0 mL)	Nucleic acid	VP-62-M3	RED-62-M3
HSV 1 Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-02-M1	
HSV 2 Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-23-M1	
HSV 1 & 2 Positive	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-02-M2	
HSV1&2/VZV/ <i>T.pallidum</i> Swab Positive	Swab	Nucleic acid	VP-S-03-M1	RED-S-03-M1
STI Negative	Vial (1.0 mL)	Nucleic acid	VP-99-M1	RED-99-M1

ONBOARDx™ (RUO) Kits are available for certain combinations of PROCEEDx™ (RUO) Controls.

Please contact us for more information.

Product	Format	Test compatibility	Art. No.	
Gastrointestinal infections			PROCEEDx™	REDx™ Controls
<i>Cryptosporidium parvum</i> Positive	Vial (0.5 mL)	Nucleic acid*; Immunoassay	VP-37-01	
<i>Giardia lamblia</i> Positive	Vial (0.5 mL)	Nucleic acid*; Immunoassay	VP-38-01	
<i>Cryptosporidium parvum</i> + <i>Giardia lamblia</i> Positive	Vial (0.5 mL)	Nukleinsäure*; Immunoassay	VP-37-02	
Rotavirus Positive	Vial (1.0 mL)	Nucleic acid*; Immunoassay	VP-35-01	
<i>Clostridium difficile</i> Positive	Vial (1.0 mL)	Nucleic acid	VP-125-01	
<i>Clostridium difficile</i> Swab Positive	Swab	Nucleic acid	VP-S-125-01	
Enteric Bacterial Panel 1 Positive <i>Campylobacter jejuni</i> , <i>Shigella sonnei</i> , <i>Salmonella enteritidis</i> , and Shiga toxin-producing <i>E. coli</i> (STEC)	Vial (1.0 mL)	Nucleic acid	VP-120-M1	
Enteric Bacterial Panel 1 Swab Positive <i>Campylobacter jejuni</i> , <i>Shigella sonnei</i> , <i>Salmonella enteritidis</i> , and Shiga toxin-producing <i>E. coli</i> (STEC)	Swab	Nucleic acid	VP-S-120-M1	
Enteric Bacterial Panel 2 Positive <i>Vibrio parahaemolyticus</i> , <i>Yersenia enterocolitica</i> , ETEC, and <i>Plesiomonas shigelloides</i>	Vial (1.0 mL)	Nucleic acid	Coming soon	
Enteric Bacterial Panel 2 Swab Positive <i>Vibrio parahaemolyticus</i> , <i>Yersenia enterocolitica</i> , ETEC, and <i>Plesiomonas shigelloides</i>	Swab	Nucleic acid	Coming soon	
Enteric Viral Panel Positive Sapovirus, Astrovirus, Norovirus GII, Rotavirus, and Adenovirus	Vial (1.0 mL)	Nucleic acid	Coming soon	
Enteric Viral Panel Swab Positive Sapovirus, Astrovirus, Norovirus GII, Rotavirus, and Adenovirus	Swab	Nucleic acid	Coming soon	
MDx Negative	Vial (1.0 mL)	Nucleic acid; Immunoassay	VP-99-01	

* Products are compatible with nucleic acid tests by design and QC released only by immunological tests

What are the special features of the Microbix controls?

- In clinically relevant matrix
- Produced from native pathogens when possible
- Very similar to patient samples
- Cross-assay and cross-instrument compatible
- Applicable in conjunction with nucleic acid based and immunodiagnostic assays
- Positive and negative controls available
- Not infectious
- Room temperature stability with the swab based QAPs
- Point-of-Care-Testing compatibility

Important information on handling Microbix controls

- Stable for up to two years
- Swabs and/or liquid aliquots (ready to use)
- Stored at 2 - 8 °C (vial) and 2 - 30 °C (swab)

