



Diagnostic management of *C. difficile* infections

Comprehensive solutions for today's recommended diagnostic algorithms

- RIDA®GENE Clostridium difficile
- RIDA®GENE CD Toxin A/B
- RIDASCREEN® Clostridium difficile GDH
- RIDASCREEN® Clostridium difficile Toxin A/B
- RIDA®QUICK Clostridium difficile GDH
- RIDA®QUICK Clostridium difficile Toxin A/B



Test solutions for *Clostridium difficile* diagnostics

RIDA[®]GENE multiplex real-time PCR

- Extraction Control
- Contains all necessary components



RIDASCREEN[®] EasyKit ELISA

- Ready to use reagents
- Optimized for microtiterplate processors



RIDA[®]QUICK Rapid test

- Easy to perform
- Complete equipment for near patient diagnostics



RIDA®GENE Clostridium difficile

Multiplex real-time PCR for the detection and differentiation of *Clostridium difficile* and *Clostridium difficile* toxin A (tcdA) and toxin B (tcdB) genes

Matrix	Stool/Culture
Time to result	60 min (Blockcycler)
Analytical Sensitivity	≥ 10 DNA copies per reaction

RIDA®GENE CD Toxin A/B

Multiplex real-time PCR for the detection of *Clostridium difficile* toxin A (tcdA) and toxin B (tcdB) genes

Matrix	Stool/Culture
Time to result	30 min (LightCycler® 2.0) 60 min (Blockcycler)
Analytical Sensitivity	≥ 10 DNA copies per reaction

RIDASCREEN® Clostridium difficile GDH

ELISA for the detection of *Clostridium difficile*-specific glutamate dehydrogenase (GDH)

Matrix	Stool		
Time to result	105 min at RT 60 min at 37 °C		
Sensitivity*	91 %	PPV	98 %
Specificity*	99 %	NPV	97 %

* Compared to real-time PCR.

RIDASCREEN® Clostridium difficile Toxin A/B

ELISA for the determination of the toxins A and B of *Clostridium difficile*

Matrix	Stool/Culture		
Time to result	105 min at RT 60 min at 37 °C		
Sensitivity*	90 %	PPV	81 %
Specificity*	97 %	NPV	98 %

* Compared to CCNA.

RIDA®QUICK Clostridium difficile GDH

Immunochromatographic rapid assay for the qualitative determination of *Clostridium difficile*-specific glutamate dehydrogenase (GDH)

Matrix	Stool		
Time to result	15 min		
Sensitivity*	99 %	PPV	97 %
Specificity*	98 %	NPV	99 %

* Compared to real-time PCR/ELISA.

RIDA®QUICK Clostridium difficile Toxin A/B

Immunochromatographic rapid assay for the qualitative determination of the toxins A and B of *Clostridium difficile*

Matrix	Stool/Culture		
Time to result	15 min		
Sensitivity*	94 %	PPV	97 %
Specificity*	97 %	NPV	99 %

* Compared to CCNA.

Ordering information

Product	Description	Matrix	Tests	Art. No.
Multiplex real-time PCR				
RIDA®GENE CD Toxin A/B	Multiplex real-time PCR for the direct qualitative detection of <i>Clostridium difficile</i> toxin genes A (tcdA) and B (tcdB) in human stool samples and from cultures	Stool/ cultures	100	PG0825
RIDA®GENE Clostridium difficile	Multiplex real-time multiplex PCR for the direct qualitative detection of <i>Clostridium difficile</i> and <i>Clostridium difficile</i> toxin genes A (tcdA) and B (tcdB) in human stool samples and from cultures	Stool/ cultures	100	PG0835
Enzyme immunoassays				
RIDASCREEN® Clostridium difficile GDH	Enzyme immunoassay for the detection of glutamate dehydrogenase of <i>Clostridium difficile</i>	Stool	96	C0701
RIDASCREEN® Clostridium difficile Toxin A/B	Enzyme immunoassay for the detection of toxin A and B of <i>Clostridium difficile</i>	Stool	96	C0801
Rapid assays				
RIDA®QUICK Clostridium difficile GDH	Immunochromatographic lateral flow rapid assay for the detection of <i>Clostridium difficile</i> GDH Single pouched cassettes	Stool	25	N0703
RIDA®QUICK Clostridium difficile Toxin A/B	Immunochromatographic lateral flow rapid assay for the detection of Toxins A and B of <i>Clostridium difficile</i> Single pouched cassettes	Stool	25	N0803
Control for RIDA®QUICK				
RIDASCREEN® Clostridium difficile GDH Positive Control	Positive control	–	1.8 ml	NP0704
RIDA®QUICK Clostridium difficile Toxin A/B Positive control	Positive control	–	1.8 ml	NP0804

Also available

Calprotectin is also an interesting marker for patients suffering from *C. difficile*-infections.

A testing algorithm introduced by *Wren et al.* shows the relevance of testing a marker of inflammation of chronic bowel disease.*

Enzyme immunoassays				
RIDASCREEN® Calprotectin	Enzyme immunoassay for the detection of calprotectin	96	Stool	G09036

* *Wren et al.*, Detection of clostridium difficile infection; a suggested laboratory diagnostic algorithm. British Journal of Biomedical Science 2009; 66 (4).

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