

**PCR-/NAT *Clostridium difficile*  
 (RV 545) Mai 2026**



**Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.**

*Sample composition and expected results.*

Proben Nr.	Erwartet / expected		Probenzusammensetzung / Sample composition
545 260519 01	+++	61/ 71,72,73,75	<i>Clostridium difficile</i> Ribotyp O27 (~ 1x10 <sup>6</sup> CFU/mL)
545 260519 02	∅	62	<i>Aeromonas hydrophila</i> (~5x10 <sup>4</sup> CFU/mL)
545 260519 03	++	61/ 71,72,73,75	<i>Clostridium difficile</i> Ribotyp O27 (~ 1x10 <sup>5</sup> CFU/mL)
545 260519 04	∅	62	<i>Escherichia coli</i> K12

**Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.**

*Absolute numbers of reported individual results.*

n = 169	Proben Nr. (Sample no.)					Inhibition			
	01	02	03	04		01	02	03	04
<b>Befund</b> <i>Result</i>									
<b>Positiv</b>	168	0	167	1	n.d.	2	2	2	2
<b>Negativ</b>	1	169	2	168	nein <i>no</i>	167	167	167	167
<b>Fraglich</b> <i>Questionable</i>	0	0	0	0	ja <i>yes</i>	0	0	0	0

**Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden.**

*Absolute numbers and relative frequency of reported true positive and true negative results among various NAT methods.*

NAT-Methode [Code] (total number)	NAT richtig positiv <i>True positive results</i>				NAT richtig negativ <i>True negative results</i>			
	01		03		02		04	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
Altona RealStar <i>C. difficile</i> (n = 3)	3	100	3	100	3	100	3	100
Amplex eazyplex <i>C. difficile</i> complete (n = 5)	5	100	5	100	5	100	5	100
AmpliGnost <i>C. difficile</i> Toxin A+B (n = 1)	1	100	1	100	1	100	1	100
BD MAX <i>C. difficile</i> (n = 26)	26	100	26	100	26	100	26	100
Bruker-HAIN FluoroType CDiff (n = 1)	1	100	1	100	1	100	1	100
Cepheid Xpert <i>C. difficile</i> (n = 69)	68	99	67	97	69	100	69	100
<i>C. difficile</i> ELITe MGB Kit (n = 2)	2	100	2	100	2	100	2	100

Meridian Alethia C. difficile (n = 7)	7	100	7	100	7	100	7	100
Roche UC-TIB-EHEC/C.Diff (n = 3)	3	100	3	100	3	100	3	100
Roche cobas Cdiff (for cobas Liat) (n = 3)	3	100	3	100	3	100	3	100
Seegene Allplex GI Bacteria (n = 7)	7	100	7	100	7	100	7	100
Seegene Allplex GI-EB Screening (n = 10)	10	100	10	100	10	100	10	100
TIB Molbiol modular Cdiff tcdA / tcdB (n= 1)	1	100	1	100	1	100	1	100
RIDAGENE or RIDAUNITY C.difficile (n = 16)	16	100	16	100	16	100	15	94
RIDAGENE or RIDAUNITY Hospital stool Panel (n = 1)	1	100	1	100	1	100	1	100
In house PCR assay (n = 8)	8	100	8	100	8	100	8	100
Other commercial tests (n = 6)	6	100	6	100	6	100	6	100

**Comments:**

1. The following tests are listed under "Other commercial tests": AmpliGnost GastroBAK 2 (1x), CerTest VIASURE C.difficile toxins A/B Real Time PCR Detection Kit (3x), r-Biopharm BOSCH Vivalytic C. difficile (1x) and r-Biopharm RIDAPlex Faecal Pathogens M 16 well (1x).