

PCR-/NAT Gastrointestinal Panel (RV 548) Mai 2026



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Proben Nr.	Erwartet / expected	Probenzusammensetzung / Sample composition
548 260519 01	+++ / +++	EHEC (~ 5x10 ⁵ CFU/mL) (<i>stx-1a, stx-2c, eae, hlyA, O157</i>) Salmonella typhi (~ 2x10 ⁵ CFU/mL)
548 260519 02	+++ / +++ / +++	Campylobacter coli (~ 5x10 ⁵ CFU/mL) EIEC (~ 1x10 ⁵ CFU/mL) Aeromonas (~ 1x10 ⁵ CFU/mL)
548 260519 03	+++ / +++	Yersinia enterocolitica (~ 4x10 ⁵ CFU/mL) Plesiomonas shigelloides (~ 1x10 ⁵ CFU/mL)
548 260519 04	+++ / +++ /+++	EAEC (~ 2x10 ⁵ CFU/mL) Clostridium difficile (~ 4x10 ⁵ CFU/mL) Vibrio cholerae (~ 1x10 ⁶ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für **Aeromonas dargestellt.**

Absolute numbers of reported individual results.

Note: only the **Aeromonas**-specific results are depicted in this table

n = 38	Proben Nr. (Sample no.)				Inhibition				
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	34	1	0	n.d.	0	0	0	0
Negativ	38	4	37	38	nein no	38	38	38	38
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für **Aeromonas dargestellt.**

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

Note: only the **Aeromonas**-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ True negative results					
	02		01		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
CerTest VIASURE Gastroint. Panel II (n= 2)	2	100	2	100	2	100	2	100

EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Seegene Allplex GI-Bacteria I / I plus (n=25)	24	96	25	100	24	96	25	100
TIB Molbiol Modular Aeromonas (n= 2)	2	100	2	100	2	100	2	100
Other commercial tests (n= 7)	6	86	7	100	7	100	7	100

The following tests are listed under "Other commercial tests": Bruker-Hain Lifescience LiquidArray Gastrointestinal ver2.0 (2x).

Tabelle 4: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Campylobacter* dargestellt.

Absolute numbers of reported individual results.

Note: only the *Campylobacter*-specific results are depicted in this table

<i>n</i> = 140	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	2	138	3	0	n.d.	0	0	0
Negativ	138	2	137	140	nein no	140	140	140
Fraglich Questionable	0	0	0	0	ja yes	0	0	0

Tabelle 5: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Campylobacter* dargestellt.

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

Note: only the *Campylobacter*-specific results depicted.

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ True negative results					
	02		01		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=1)	1	100	1	100	1	100	1	100
AmpliGnost Bakt. Gastroent. Panel 1 (n= 1)	1	100	1	100	1	100	1	100
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 32)	32	100	32	100	31	97	32	100
BioFire FILMARRAY GI Panel (n= 13)	13	100	13	100	13	100	13	100
Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100
CerTest VIASURE Gastroint. Panel I (n= 1)	1	100	1	100	1	100	1	100
CerTest VIASURE Gastroint. Panel II (n= 2)	2	100	2	100	2	100	2	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 2)	1	50	2	100	2	100	2	100

Luminex xTAG Gastroint. Pathogen (n= 1)	1	100	1	100	1	100	1	100
ampliCube Gastroint. Bact. Panel 1 (n=3)	3	100	3	100	3	100	3	100
PathoFinder GastroFinder 2Smart (n=1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	4	100	4	100	4	100
RIDAGENE or RIDAUNITY Bacterial Stool Panel (n= 8)	8	100	8	100	8	100	8	100
RIDAGENE or RIDAUNITY Bacterial Stool Panel I (n= 2)	2	100	2	100	2	100	2	100
Roche UC-TIB-Gastro-BAC or BAC Y1b (n= 11)	11	100	9	82	10	90	11	100
Seegene Allplex GI-Bacteria I or I plus (n=26)	25	96	26	100	25	96	26	100
Seegene Allplex GI-EB Screening (n= 22)	22	100	22	100	22	100	22	100
Ustar MultNAT Gastrointestinal Panel 2 (n=1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 3)	3	100	3	100	3	100	3	100

The following tests are listed under "Other commercial tests": FRIZ BIOCHEM GastroBac direct PCR (1x).

Tabelle 6: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Clostridium difficile* dargestellt.

Absolute numbers of reported individual results.

*Note: only the *Clostridium difficile*-specific results are depicted in this table*

<i>n</i> = 99	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	2	0	0	92	n.d.	0	0	0
Negativ	97	99	99	7	nein no	99	99	99
Fraglich Questionable	0	0	0	0	ja yes	0	0	0

Tabelle 7: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Clostridium difficile* dargestellt.

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

*Note: only the *Clostridium difficile*-specific results are depicted in this table.*

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ True negative results					
	04		01		02		03	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
BioFire FILMARRAY GI Panel (n= 13)	12	92	13	100	13	100	13	100
Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100

CerTest VIASURE Gastroint. Panel II (n= 2)	1	50	2	100	2	100	2	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 3)	3	100	3	100	3	100	3	100
PathoFinder GastroFinder 2Smart (n= 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	4	100	4	100	4	100
Roche UC-TIB-EHEC/C.diff (n= 9)	8	89	8	89	9	100	9	100
Seegene Allplex GI-Bacteria I or I plus (n=23)	20	87	22	96	23	100	23	100
Seegene Allplex GI-EB Screening (n= 23)	23	100	23	100	23	100	23	100
TIB Molbiol modular Cdiff toxA / toxB (n= 1)	1	100	1	100	1	100	1	100
Ustar MultNAT Gastrointestinal Panel 2 (n= 1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 13)	12	92	13	100	13	100	13	100

The following tests are listed under "Other commercial tests": Altona diagnostics RealStar C. difficile (1x), BD MAX C. difficile (7x), Cepheid Xpert C. difficile (1x) and r-Biopharm RIDAGENE or RIDAUNITY C. difficile (2x).

Tabelle 8: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für EHEC dargestellt.

Absolute numbers of reported individual results.

Note: only the EHEC-specific results are depicted in this table.

n = 133	Proben Nr. (Sample no.)					Inhibition			
Befund <i>Result</i>	01	02	03	04		01	02	03	04
Positiv	129	1	0	0	n.d.	0	0	0	0
Negativ	3	132	133	133	nein no	133	133	133	133
Fraglich <i>Questionable</i>	1	0	0	0	ja yes	0	0	0	0

Tabelle 9: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für EHEC dargestellt.

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

Note: only the EHEC-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ <i>True negative results</i>					
	01		02		03		04	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 31)	31	100	31	100	31	100	31	100
BioFire FILMARRAY GI Panel (n= 12)	11	92	11	92	12	100	12	100

Bruker-Hain LiquidArray Gastroint (n= 4)	3 [§]	100	4	100	4	100	4	100
CerTest VIASURE Gastroint. Panel II (n= 2)	2	100	2	100	2	100	2	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 3)	2	67	3	100	3	100	3	100
ampliCube Gastroint. Bacterial Panel 2 (n= 3)	3	100	3	100	3	100	3	100
PathoFinder GastroFinder 2Smart (n= 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	3	75	4	100	4	100	4	100
Roche UC-TIB-EHEC/C.diff (n= 10)	10	100	10	100	10	100	10	100
Seegene Allplex GI-Bacteria II (n= 26)	26	100	26	100	26	100	26	100
Seegene Allplex GI-EB Screening (n= 17)	17	100	17	100	17	100	17	100
TIB Molbiol Modular stx1 EHEC, stx2 EHEC (n=1)	1	100	1	100	1	100	1	100
Ustar MultNAT Gastrointestinal Panel 2 (n= 1)	1	100	1	100	1	100	1	100
RIDAGENE or RIDAUNITY E.coli Stool Panel I (n= 3)	3	100	3	100	3	100	3	100
RIDAGENE or RIDAUNITY EHEC/EPEC (n= 10)	10	100	10	100	10	100	10	100
Other commercial tests (n= 3)	3	100	3	100	3	100	3	100

[§] Fraglich Due to reporting questionable results, the number of true results has been reduced.

The following tests are listed under "Other commercial tests": CerTest VIASURE E. coli EHEC, EPEC & EIEC (1x) and UC-TIB-Gastro-Ecoli (EHEC, EAEC, EPEC, ETEC) (1x).

Tabelle 10: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Shigella* /*EIEC* dargestellt.

Absolute numbers of reported individual results.

Note: only the *Shigella* /*EIEC*-specific results are depicted in this table.

<i>n</i> = 141	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	1	134	2	0	n.d.	0	0	0	0
Negativ	140	7	139	141	nein no	141	141	141	141
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 11: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Shigella* /*EIEC* dargestellt.

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

Note: only *Shigella* /*EIEC*-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv	NAT richtig negativ True negative results		
	02	01	03	04

	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=1)	1	100	1	100	1	100	1	100
AmpliGnost Bakt. Gastroent. Panel 1 (n=1)	1	100	1	100	1	100	1	100
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 32)	32	100	32	100	31	97	32	100
BioFire FILMARRAY GI Panel (n= 13)	13	100	13	100	13	100	13	100
Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100
CerTest VIASURE Gastroint. Panel I (n= 1)	1	100	1	100	1	100	1	100
CerTest VIASURE Gastroint. Panel II (n= 2)	2	100	2	100	2	100	2	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 3)	3	100	3	100	3	100	3	100
ampliCube Gastroint. Bacterial Panel 2 (n=3)	3	100	3	100	3	100	3	100
PathoFinder GastroFinder 2Smart (n= 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	4	100	4	100	4	100
Roche UC-TIB-Gastro-BAC or BAC Y1b (n=11)	11	100	10	91	11	100	11	100
Seegene Allplex GI-Bacteria I or I plus (n=26)	19	73	26	100	25	96	26	100
Seegene Allplex GI-EB Screening (n= 22)	22	100	22	100	22	100	22	100
Ustar MultNAT Gastrointestinal Panel 2 (n=1)	1	100	1	100	1	100	1	100
RIDAGENE or RIDAUNITY EHEC/EPEC (n=7)	7	100	7	100	7	100	7	100
RIDAGENE or RIDAUNITY ETEC/EIEC (n= 3)	3	100	3	100	3	100	3	100
Other commercial tests (n= 4)	4	100	4	100	4	100	4	100

The following tests are listed under "Other commercial tests": FRIZ BIOCHEM GastroBac direct PCR (1x) and r-Biopharm RIDAGENE Bacterial Stool Panel V (RUO) (1x).

Tabelle 12: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Escherichia coli* O157 dargestellt.

Absolute numbers of reported individual results.

Note: only the *Escherichia coli* O157-specific results are depicted in this table.

n = 68	Proben Nr. (Sample no.)			
Befund <i>Result</i>	01	02	03	04
Positiv	67	0	0	0
Negativ	0	68	68	68
Fraglich <i>Questionable</i>	1	0	0	0

	Inhibition			
	01	02	03	04
n.d.	0	0	0	0
nein <i>no</i>	68	68	68	68
ja <i>yes</i>	0	0	0	0

Tabelle 13: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Escherichia coli* O157 dargestellt.

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

Note: only the *Escherichia coli* O157-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ True negative results					
	01		02		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
BioFire FILMARRAY GI Panel (n = 14)	14	100	14	100	14	100	14	100
Bruker-Hain LiquidArray Gastroint. (n = 4)	3 [§]	100	4	100	4	100	4	100
EasyScreen Pan Enteric Pathogen (n = 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n = 4)	4	100	4	100	4	100	4	100
Seegene Allplex GI-Bacteria II (n= 25)	25	100	25	100	25	100	25	100
Seegene Allplex GI-EB Screening (n= 19)	19	100	19	100	19	100	19	100
Ustar MultNAT GI Panel 2 (n = 1)	1	100	1	100	1	100	1	100

[§] Fraglich Due to reporting questionable results, the number of true results has been reduced.

Tabelle 14: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *EAEC* dargestellt.

Absolute numbers of reported individual results.

Note: only the *EAEC*-specific results are depicted in this table.

n = 59	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	1	0	0	57	n.d.	0	0	0	0
Negativ	58	59	59	2	nein no	59	59	59	59
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 15: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *EAEC* dargestellt.

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

Note: only the *EAEC*-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv	NAT richtig negativ True negative results		
	04	01	02	03

	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
BioFire FILMARRAY GI Panel (n= 14)	14	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 4)	3	75	2	100	2	100	2	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	1	100	1	100	1	100
Seegene Allplex GI-Bacteria II (n= 31)	30	97	30	97	26	100	26	100
TIB Molbiol Modular EAEC aatA (n= 1)	1	100	19	100	19	100	19	100
Ustar MultNAT GI Panel 2 (n = 1)	1	100	2	100	2	100	2	100
Other commercial tests (n= 4)	4	100	4	100	4	100	4	100

The following tests are listed under "Other commercial tests": Roche UC-TIB-Gastro-Ecoli (EHEC, EAEC, EPEC, ETEC) (2x) and r-Biopharm RIDAGENE or RIDAUNITY EAEC (2x).

Tabelle 16: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Salmonella* dargestellt.

Absolute numbers of reported individual results.

*Note: only the *Salmonella*-specific results are depicted in this table.*

<i>n</i> = 140	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	139	0	0	1	n.d.	0	0	0	0
Negativ	1	140	140	139	nein no	140	140	140	140
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 17: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Salmonella* dargestellt.

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

*Note: only the *Salmonella*-specific results are depicted in this table.*

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ True negative results					
	01		02		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=1)	1	100	1	100	1	100	1	100
AmpliGnost Bakt. Gastroent. Panel 1 (n=1)	1	100	1	100	1	100	1	100
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 32)	32	100	32	100	32	100	32	100
BioFire FILMARRAY GI Panel (n= 13)	13	100	13	100	13	100	13	100

Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100
CerTest VIASURE Gastroint. Panel I (n= 1)	1	100	1	100	1	100	1	100
CerTest VIASURE Gastroint. Panel II (n= 2)	2	100	2	100	2	100	2	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 3)	3	100	3	100	3	100	3	100
ampliCube Gastroint. Bacterial Panel 1 (n=3)	3	100	3	100	3	100	3	100
PathoFinder GastroFinder 2Smart (n= 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	4	100	4	100	4	100
Roche UC-TIB-Gastro-BAC or BAC Y1b (n=11)	11	100	11	100	11	100	11	100
Seegene Allplex GI-Bacteria I or I plus (n=26)	25	96	26	100	26	100	25	96
Seegene Allplex GI-EB Screening (n= 22)	22	100	22	100	22	100	22	100
Ustar MultNAT GI Panel 2 (n = 1)	1	100	1	100	1	100	1	100
RIDAGENE or RIDAUNITY Bacterial Stool Panel (n= 8)	8	100	8	100	8	100	8	100
RIDAGENE or RIDAUNITY Bacterial Stool Panel I (n= 2)	2	100	2	100	2	100	2	100
Other commercial tests (n= 3)	3	100	3	100	3	100	3	100

The following tests are listed under "Other commercial tests": FRIZ BIOCHEM GastroBac direct PCR (1x).

Tabelle 18: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Vibrio* dargestellt.

Absolute numbers of reported individual results.

Note: only the *Vibrio*-specific results are depicted in this table

<i>n</i> = 79	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	1	0	0	78	n.d.	0	0	0	0
Negativ	78	79	79	1	nein no	79	79	79	79
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 19: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Vibrio* dargestellt.

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

Note: only the *Vibrio*-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv	NAT richtig negativ True negative results		
	04	01	02	03

	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
BD MAX Extended Enteric Bac. Panel (n=27)	27	100	27	100	27	100	27	100
BioFire FILMARRAY GI Panel (n= 14)	14	100	14	100	14	100	14	100
Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 3)	3	100	3	100	3	100	3	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	4	100	4	100	4	100
Seegene Allplex GI-Bacteria I or I plus (n=25)	24	96	24	96	25	100	25	100
Ustar MultNAT GI Panel 2 (n = 1)	1	100	1	100	1	100	1	100

Tabelle 20: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Yersinia enterocolitica* dargestellt.

Absolute numbers of reported individual results.

*Note: only the *Y. enterocolitica*-specific results are depicted in this table*

<i>n</i> = 138	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	1	136	1	n.d.	0	0	0	0
Negativ	138	137	2	137	nein no	138	138	138	138
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 21: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Yersinia enterocolitica* dargestellt.

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

*Note: only the *Y. enterocolitica*-specific results are depicted in this table.*

NAT-Methode [Code] (total number *)	NAT richtig positiv		NAT richtig negativ True negative results					
	03		01		02		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=1)	1	100	1	100	1	100	1	100
AmpliGnost Bakt. Gastroent. Panel 1 (n= 1)	1	100	1	100	1	100	1	100
AusDiagnostics Faecal Pathogens M 16-well (n= 1)	1	100	1	100	1	100	1	100
BD MAX Extended Enteric Bac. Panel (n=29)	29	100	29	100	29	100	29	100
BioFire FILMARRAY GI Panel (n= 14)	14	100	14	100	14	100	14	100

Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100
CerTest VIASURE Gastroint. Panel I (n= 1)	1	100	1	100	1	100	1	100
CerTest VIASURE Gastroint. Panel II (n= 2)	2	100	2	100	2	100	2	100
EasyScreen Enteric Bacteria (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 2)	1	50	2	100	2	100	2	100
ampliCube Gastroint. Bacterial Panel 1 (n=3)	3	100	3	100	3	100	3	100
PathoFinder GastroFinder 2Smart (n= 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel (n= 1)	1	100	1	100	1	100	1	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 4)	4	100	4	100	4	100	4	100
Roche UC-TIB-Gastro-BAC or BAC Y1b (n=11)	11	100	11	100	11	100	11	100
Seegene Allplex GI-Bacteria I or I plus (n=26)	25	96	26	100	25	96	26	100
Seegene Allplex GI-EB Screening (n= 22)	22	100	22	100	22	100	22	100
Ustar MultNAT GI Panel 2 (n = 1)	1	100	1	100	1	100	1	100
RIDAGENE or RIDAUNITY Bacterial Stool Panel (n= 9)	9	100	9	100	9	100	8	89
RIDAGENE or RIDAUNITY Bacterial Stool Panel I (n= 1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 3)	3	100	3	100	3	100	3	100

The following tests are listed under "Other commercial tests": FRIZ BIOCHEM GastroBac direct PCR (1x).

Tabelle 22: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Plesiomonas* dargestellt.

Absolute numbers of reported individual results.

Note: only the *Plesiomonas*-specific results are depicted in this table

n = 50	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	0	50	0	n.d.	0	0	0	0
Negativ	50	50	0	50	nein no	50	50	50	50
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 23: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden verschiedener Methoden. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für *Plesiomonas* dargestellt.

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

Note: only the *Plesiomonas*-specific results are depicted in this table.

NAT-Methode [Code] (total number *)	NAT richtig positiv	NAT richtig negativ True negative results		
	03	01	02	04

	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
BD MAX Extended Enteric Bac. Panel (n=25)	25	100	25	100	25	100	25	100
BioFire FILMARRAY GI Panel (n= 15)	15	100	15	100	15	100	15	100
Bruker-Hain LiquidArray Gastroint. (n= 4)	4	100	4	100	4	100	4	100
QIAstat-Dx Gastrointestinal Panel 2 (n= 3)	3	100	3	100	3	100	3	100
TIB Molbiol Modular Plesiomonas (n= 1)	1	100	1	100	1	100	1	100
Ustar MultNAT GI Panel 2 (n = 1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 1)	1	100	1	100	1	100	1	100

The following tests are listed under "Other commercial tests": TIB Molbiol OneTube Gastro Bac II (1x).

Comments:

1. **ETEC**-detection was performed by 96 laboratories. With the exception of 3 laboratories (with false positive results), all reported results were correct.
2. The following tests are listed for **ETEC**: BD MAX Extended Enteric Bacterial Panel (27x), BioMerieux BioFire FILMARRAY Gastrointestinal (GI) Panel (13x), Bruker-Hain Lifescience LiquidArray Gastrointestinal (4x), CerTest VIASURE Gastrointestinal Panel II (2x), Genetic signatures EasyScreen Pan Enteric Pathogen Detection Kit (PE001) (1x), Luminex NxTAG Gastrointestinal Pathogen Panel (3x), MIKROGEN ampliCube Gastrointestinal Bacterial Panel 2 (3x), PathoFinder GastroFinder 2Smart (1x), QIAGEN QIAstat-Dx Gastrointestinal Panel 2 (4x), r-Biopharm RIDAGENE or RIDAUNITY ETEC/EIEC (3x), Roche UC-TIB-Gastro-Ecoli (EHEC, EAEC, EPEC, ETEC) (2x), Seegene Allplex GI-Bacteria II Assay (30x) and Ustar Biotechnologies MultNAT Gastrointestinal Panel 2 (1x).
3. **EPEC**-detection was performed by 82 laboratories.
4. The following tests are listed for **EPEC**: BioMerieux BioFire FILMARRAY Gastrointestinal (GI) Panel (14x), Bruker-Hain Lifescience LiquidArray Gastrointestinal (4x), CerTest VIASURE Gastrointestinal Panel II (2x), CerTest VIASURE E. coli EHEC, EPEC & EIEC (1x), Genetic signatures EasyScreen Pan Enteric Pathogen Detection Kit (PE001) (1x), PathoFinder GastroFinder 2Smart (1x), QIAGEN QIAstat-Dx Gastrointestinal Panel 2 (4x), r-Biopharm RIDAGENE or RIDAUNITY E.coli Stool Panel I (5x), r-Biopharm RIDAGENE or RIDAUNITY EHEC/EPEC (10x), Roche UC-TIB-EHEC/C.diff (8x), Roche UC-TIB-Gastro-Ecoli (EHEC, EAEC, EPEC, ETEC) (1x), Seegene Allplex GI-Bacteria II Assay (29x), TIB Molbiol Modular EAE/ EHEC (2x) and Ustar Biotechnologies MultNAT Gastrointestinal Panel 2 (1x).