

PCR-/NAT Gastrointestinal Panel (RV 548) Mai 2025



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Proben Nr.	Erwartet / expected	Probenzusammensetzung / Sample composition
548A 250520 01	++ / ++	<i>Clostridium difficile</i> (~ 5×10^4 CFU/mL) EPEC (~ 5×10^4 CFU/mL)
548A 250520 02	+++ / +++ / +++	<i>Yersinia enterocolitica</i> (~ 1×10^5 CFU/mL) EIEC (~ 2×10^5 CFU/mL) <i>Salmonella typhi</i> (~ 5×10^5 CFU/mL)
548A 250520 03	+++	EHEC (~ 1×10^6 CFU/mL) (<i>stx</i> -1, <i>stx</i> -2, <i>eae</i> , <i>hlyA</i> and O157 positive)
548A 250520 04	++ / +++	<i>Campylobacter coli</i> (~ 5×10^4 CFU/mL) <i>Aeromonas hydrophila</i> (~ 1×10^5 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

<i>n</i> = 30	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	0	0	30	n.d.	0	0	0
Negativ	30	30	30	0	nein no	30	30	30
Fraglich Questionable	0	0	0	0	ja yes	0	0	0

Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden 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					
	04		01		02		03	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
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) Assay (n=25)	25	100	25	100	25	100	25	100

In house PCR assay (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": AusDiagnostics Feecal Pathogens M 16-well (1x).

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> = 117	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	1	0	1	110	n.d.	0	0	0
Negativ	116	117	116	7	nein no	117	117	117
Fraglich Questionable	0	0	0	0	ja yes	0	0	0

Tabelle 5: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden 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 <i>True negative results</i>					
	04		01		02		03	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakterielle Gastroenteritis B1 - qPCR (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 24)	22	92	23	96	24	100	24	100
BioFire FILMARRAY GI Panel (n= 12)	12	100	12	100	12	100	12	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	3	100	3	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)	0	0	2	100	2	100	2	100
ampliCube Gastroint. Bacterial Panel 1 (n=1)	1	100	1	100	1	100	1	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= 2)	2	100	2	100	2	100	2	100
RIDAGENE Bacterial Stool Panel I (n= 5)	5	100	5	100	5	100	5	100

RIDAGENE Bacterial Stool Panel (n= 2)	2	100	2	100	2	100	2	100
RIDAUNITY Bacterial Stool Panel (n= 4)	4	100	4	100	4	100	4	100
Roche UC-TIB-Gastro-BAC (n= 11)	11	100	11	100	11	100	10	91
Seegene Allplex GI-Bacteria (I) (n= 25)	23	92	25	100	25	100	25	100
Seegene Allplex GI-EB Screening (n= 16)	15	94	16	100	16	100	16	100
In house PCR assay (n= 2)	2	100	2	100	2	100	2	100
Other commercial tests (n= 2)	2	100	2	100	2	100	2	100

The following tests are listed under "Other commercial tests": AusDiagnostics Feecal Pathogens M 16-well (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> = 88	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	84	0	1	1	n.d.	0	0	0	0
Negativ	3	88	87	87	nein no	88	88	88	88
Fraglich Questionable	1	0	0	0	ja yes	0	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					
	01		02		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
BioFire FILMARRAY GI Panel (n= 12)	12	100	12	100	12	100	12	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	3	100	3	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
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= 2)	1	50	2	100	2	100	2	100

Roche UC-TIB-EHEC/C.diff (n= 10)	10	100	10	100	10	100	10	100
Seegene Allplex GI-Bacteria (I) (n= 25)	24 [§]	100	25	100	25	100	25	100
Seegene Allplex GI-EB Screening (n= 16)	15	94	16	100	16	100	16	100
In house PCR assay (n= 1)	0	0	1	100	1	100	1	100
Other commercial tests (n= 11)	11	100	11	100	10	92	10	92

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

The following tests are listed under "Other commercial tests": BD MAX C.difficile (5x), r-Biopharm RIDAGENE C. difficile (4x), Altona diagnostics RealStar C. difficile (1x) and AusDiagnostics Feecal Pathogens M 16-well (1x).

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

Absolute numbers of reported individual results.

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

n = 108	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	0	106	1	n.d.	0	0	0
Negativ	108	108	2	107	nein no	108	108	108
Fraglich Questionable	0	0	0	0	ja yes	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 /STEC dargestellt.

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

Note: only the EHEC /STEC-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	%
BD MAX Enteric Bacterial Panel (n= 24)	24	100	24	100	24	100	23	96
BioFire FILMARRAY GI Panel (n= 11)	10	91	11	100	11	100	11	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	2	67	3	100	3	100	3	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
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= 2)	2	100	2	100	2	100	2	100

Roche UC-TIB-EHEC/C.diff (n= 10)	10	100	10	100	10	100	10	100
Seegene Allplex GI-Bacteria (II) (n= 24)	24	100	24	100	24	100	24	100
Seegene Allplex GI-EB Screening (n= 11)	11	100	11	100	11	100	11	100
RIDAGENE E.coli Stool Panel I (n= 3)	3	100	3	100	3	100	3	100
RIDAGENE EHEC/EPEC (n= 5)	5	100	5	100	5	100	5	100
RIDAUNITY EHEC/EPEC (n= 4)	4	100	4	100	4	100	4	100
In house PCR assay (n= 1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 2)	2	100	2	100	2	100	2	100

The following tests are listed under "Other commercial tests": AusDiagnostics Feacal Pathogens M 16-well (1x) and MIKROGEN ampliCube Gastrointestinal Bacterial Panel 2 (1x).

Tabelle 10: Häufigkeit der Mitteilung verschiedener Befunde. Anmerkung: in dieser Tabelle sind nur die Ergebnisse für EPEC dargestellt.

Absolute numbers of reported individual results.

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

n = 73	Proben Nr. (Sample no.)					Inhibition			
Befund <i>Result</i>	01	02	03	04		01	02	03	04
Positiv	73	0	31	1	n.d.	0	0	0	0
Negativ	0	73	40	72	nein no	73	73	73	73
Fraglich <i>Questionable</i>	0	0	2	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 EPEC dargestellt.

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

Note: only the EPEC-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>	%
BioFire FILMARRAY GI Panel (n= 12)	12	100	12	100	10§	100	12	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	2	67	3	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
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= 2)	2	100	2	100	2	100	2	100
Roche UC-TIB-EHEC/C.diff (n= 8)	8	100	8	100	5	63	8	100
Seegene Allplex GI-Bacteria (II) (n= 27)	27	100	27	100	8	30	26	96
RIDAGENE E.coli Stool Panel I (n= 5)	5	100	5	100	3	60	5	100
RIDAGENE EHEC/EPEC (n= 5)	5	100	5	100	2	40	5	100
RIDAUNITY EHEC/EPEC (n= 4)	4	100	4	100	3	75	4	100
In house PCR assay (n= 2)	2	100	2	100	0	0	2	100

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

Tabelle 12: 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

n = 117	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	115	1	0	n.d.	0	0	0	0
Negativ	117	2	116	117	nein no	117	117	117	117
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 13: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern 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 Bakterielle Gastroenteritis B1 - qPCR (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 24)	24	100	24	100	24	100	24	100
BioFire FILMARRAY GI Panel (n= 13)	13	100	13	100	13	100	13	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	3	100	3	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=1)	1	100	1	100	1	100	1	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= 2)	2	100	2	100	2	100	2	100
Roche UC-TIB-Gastro-BAC (n= 10)	10	100	10	100	10	100	10	100
Seegene Allplex GI-Bacteria (I) (n= 24)	24	100	24	100	24	100	24	100
Seegene Allplex GI-EB Screening (n= 16)	15	94	16	100	16	100	16	100
RIDAGENE EHEC/EPEC (n= 3)	3	100	3	100	3	100	3	100
RIDAGENE E.coli Stool Panel I (n= 1)	1	100	1	100	1	100	1	100
RIDAGENE ETEC/EIEC (n= 4)	4	100	4	100	4	100	4	100
RIDAUNITY EHEC/EPEC (n= 3)	3	100	3	100	3	100	3	100
In house PCR assay (n= 2)	1	50	2	100	1	50	2	100
Other commercial tests (n= 2)	2	100	2	100	2	100	2	100

The following tests are listed under "Other commercial tests": AusDiagnostics Feecal Pathogens M 16-well (1x).

Tabelle 14: 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*

<i>n</i> = 58	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	0	57	0	n.d.	0	0	0	0
Negativ	58	58	1	58	nein no	58	58	58	58
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 *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					
	03		01		02		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
BioFire FILMARRAY GI Panel (n= 12)	12	100	12	100	12	100	12	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	3	100	3	100
EasyScreen Pan Enteric Pathogen (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= 2)	2	100	2	100	2	100	2	100
Seegene Allplex GI-Bacteria (I) (n= 24)	24	100	24	100	24	100	24	100
Seegene Allplex GI-EB Screening (n= 14)	13	93	14	100	14	100	14	100
Other commercial tests (n= 1)	1	100	1	100	1	100	1	100

The following tests are listed under "Other commercial tests": r-Biopharm RIDAGENE EHEC/EPEC (1x).

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

Absolute numbers of reported individual results.

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

<i>n</i> = 117	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	115	1	1	n.d.	0	0	0
Negativ	117	2	116	116	nein no	117	117	117
Fraglich Questionable	0	0	0	0	ja yes	0	0	0

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

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

Note: only the *Salmonella spp.*-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 Bakterielle Gastroenteritis B1 - qPCR (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 23)	23	100	23	100	23	100	23	100
BioFire FILMARRAY GI Panel (n= 12)	12	100	12	100	12	100	12	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	3	100	3	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 Panel (n= 3)	3	100	3	100	3	100	3	100
ampliCube Gastroint. Bacterial Panel 1 (n=1)	1	100	1	100	1	100	1	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= 2)	2	100	2	100	2	100	2	100
Roche UC-TIB-Gastro-BAC (n= 10)	10	100	10	100	10	100	10	100
Seegene Allplex GI-Bacteria (I) (n= 26)	26	100	26	100	26	100	26	100
Seegene Allplex GI-EB Screening (n= 16)	15	94	16	100	16	100	15	94
RIDAGENE Bacterial Stool Panel (n= 2)	2	100	2	100	2	100	2	100
RIDAGENE Bacterial Stool Panel I (n= 5)	5	100	5	100	5	100	5	100
RIDAUNITY Bacterial Stool Panel (n= 4)	4	100	4	100	4	100	4	100
In house PCR assay (n= 2)	1	50	2	100	1	50	2	100
Other commercial tests (n= 2)	2	100	2	100	2	100	2	100

The following tests are listed under "Other commercial tests": AusDiagnostics Feecal Pathogens M 16-well (1x).

Tabelle 18: 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> = 114	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	111	1	0	n.d.	0	0	0	0
Negativ	114	3	113	114	nein no	114	114	114	114
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 19: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern 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					
	02		01		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakterielle Gastroenteritis B1 - qPCR (n= 1)	1	100	1	100	1	100	1	100
BD MAX Extended Enteric Bacterial Panel (n= 21)	21	100	21	100	21	100	21	100
BioFire FILMARRAY GI Panel (n= 12)	12	100	12	100	12	100	12	100
Bruker-Hain LiquidArray Gastroint. (n= 3)	3	100	3	100	3	100	3	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 Panel (n= 2)	2	100	2	100	2	100	2	100
ampliCube Gastroint. Bacterial Panel 1 (n=1)	1	100	1	100	1	100	1	100
PathoFinder GastroFinder 2Smart (n= 1)	0	0	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= 2)	2	100	2	100	2	100	2	100
Roche UC-TIB-Gastro-BAC (n= 11)	11	100	11	100	11	100	11	100
Seegene Allplex GI-Bacteria (I) (n= 25)	25	100	25	100	25	100	25	100
Seegene Allplex GI-EB Screening (n= 16)	15	94	16	100	16	100	16	100
RIDAGENE Bacterial Stool Panel (n= 4)	4	100	4	100	4	100	4	100
RIDAGENE Bacterial Stool Panel I (n= 3)	3	100	3	100	3	100	3	100
RIDAUNITY Bacterial Stool Panel (n= 4)	4	100	4	100	4	100	4	100
In house PCR assay (n= 2)	1	50	2	100	1	50	2	100
Other commercial tests (n= 2)	2	100	2	100	2	100	2	100

The following tests are listed under "Other commercial tests": AusDiagnostics Feecal Pathogens M 16-well (1x).

Comments:

1. **ETEC**-detection was performed by 74 laboratories. With the exception of 1 laboratory (with one false positive result), all reported results were correct.
2. The following tests are listed for **ETEC**: BD MAX Extended Enteric Bacterial Panel (20x), Seegene Allplex GI-Bacteria II Assay (25x), BioMerieux BioFire FILMARRAY Gastrointestinal (GI) Panel (10x), r-Biopharm RIDAGENE ETEC/EIEC (4x), Bruker-Hain Lifescience LiquidArray Gastrointestinal (2x), CerTest VIASURE Gastrointestinal Panel II (2x), Genetic signatures EasyScreen Pan-Enteric Detection Kit (1x), Luminex NxTAG Gastrointestinal Pathogen Panel (1x), MIKROGEN ampliCube Gastrointestinal Bacterial Panel 2 (1x), PathoFinder GastroFinder 2Smart (1x), Qiagen QIAstat-Dx Gastrointestinal Panel (1x) and Qiagen QIAstat-Dx Gastrointestinal Panel 2 (1x).
3. **Vibrio spp**-detection was performed by 64 laboratories. All reported results were correct.
4. The following tests are listed for **Vibrio spp.**: BD MAX Extended Enteric Bacterial Panel (18x), BioMerieux BioFire FILMARRAY Gastrointestinal (GI) Panel (11x), Bruker-Hain Lifescience LiquidArray Gastrointestinal (3x), Genetic signatures EasyScreen Pan-Enteric Detection Kit (1x), Luminex NxTAG Gastrointestinal Pathogen Panel (1x), Qiagen QIAstat-Dx Gastrointestinal Panel (1x), Qiagen QIAstat-Dx Gastrointestinal Panel 2 (2x) and Seegene Allplex GI-Bacteria I Assay (25x).