

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



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Proben Nr.	Erwartet / expected	Probenzusammensetzung / Sample composition
548A 251014 01	++ / ++	ETEC (~ 1x10⁴ CFU/mL) Aeromonas hydrophila (~ 5x10⁴ CFU/mL)
548A 251014 02	++ / +++	EAEC (~5x10⁴ CFU/mL) Salmonella typhi (~ 5x10⁵ CFU/mL)
548A 251014 03	+++ / +++	Yersinia enterocolitica (~ 2x10⁵ CFU/mL) EPEC (~ 1x10⁵ CFU/mL)
548A 251014 04	++ / +++ / ++	Campylobacter coli (~ 5x10⁴ CFU/mL) EIEC (~ 2x10⁵ CFU/mL) Clostridium difficile (~ 2x10⁴ 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 = 33	Proben Nr. (Sample no.)				Inhibition				
Befund Result	01	02	03	04		01	02	03	04
Positiv	29	0	1	0	n.d.	0	0	0	0
Negativ	4	33	32	33	nein no	33	33	33	33
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					
	01		02		03		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	1	100	1	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100

Seegene Allplex GI-Bacteria (I) Assay (n=27)	25	93	27	100	26	96	27	100
TIB Molbiol modular Aeromonas (n= 1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 3)	1	33	3	100	3	100	3	100

The following tests are listed under "Other commercial tests": BD Stuhl PCR (1x), PathoFinder (1x) and Seegene Allplex GI-Bacteria I Plus Assay (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> = 116	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	0	0	114	n.d.	0	0	0
Negativ	116	116	116	1	nein no	116	116	116
Fraglich Questionable	0	0	0	1	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 True negative results					
	04		01		02		03	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=2)	2	100	2	100	2	100	2	100
AmpliGnost Bakt. Gastroent. Panel 1 (n= 1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 25)	25	100	25	100	25	100	25	100
BioFire FILMARRAY GI Panel (n= 9)	9	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	1	100	1	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 3)	2 [§]	100	3	100	3	100	3	100
Luminex xTAG Gastroint. Pathogen (n= 1)	0	0	1	100	1	100	1	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
RIDAGENE Bacterial Stool Panel I (n= 4)	4	100	4	100	4	100	4	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= 7)	7	100	7	100	7	100	7	100
Seegene Allplex GI-Bacteria (I) (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
In house PCR assay (n= 2)	2	100	2	100	2	100	2	100
Other commercial tests (n= 5)	5	100	5	100	5	100	5	100

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

The following tests are listed under "Other commercial tests": BD Stuhl PCR (1x), RidaGene Bacterial Stool Panel V (RUO) (1x), Roche UC-TIB-Gastro Bac Y1b (1x), Seegene Allplex GI-Bacteria I Plus Assay (1x) and TIB LightMix One Tube Gastro Bac I (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> = 84	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	0	0	78	n.d.	0	0	0
Negativ	84	84	84	5	nein no	84	84	84
Fraglich Questionable	0	0	0	1	ja yes	0	0	0

Tabelle 7: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern 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	%
BioFire FILMARRAY GI Panel (n= 9)	9	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	0	0	1	100	1	100	1	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100

Luminex NxTAG Gastroint. Pathogen (n= 4)	4	100	4	100	4	100	4	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
Roche UC-TIB-EHEC/C.diff (n= 7)	7	100	7	100	7	100	7	100
Seegene Allplex GI-Bacteria (I) (n= 24)	23 [§]	100	24	100	24	100	24	100
Seegene Allplex GI-EB Screening (n= 18)	17	94	18	100	18	100	18	100
In house PCR assay (n= 2)	1	50	2	100	2	100	2	100
Other commercial tests (n= 14)	12	86	14	100	14	100	14	100

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

The following tests are listed under "Other commercial tests": Altona diagnostics RealStar C. difficile (2x), BD MAX C.difficile (5x), BD Stuhl PCR (1x), Cepheid Xpert C.difficile (1x), r-Biopharm RIDAGENE C. difficile (4x), and Seegene Allplex GI-Bacteria I Plus Assay (1x).

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

Absolute numbers of reported individual results.

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

<i>n</i> = 77	Proben Nr. (<i>Sample no.</i>)			
Befund <i>Result</i>	01	02	03	04
Positiv	76	0	0	0
Negativ	1	77	77	77
Fraglich <i>Questionable</i>	0	0	0	0

	Inhibition				
	01	02	03	04	
	n.d.	0	0	0	0
	nein <i>no</i>	77	77	77	77
	ja <i>yes</i>	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 ETEC dargestellt.

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

Note: only the ETEC-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	%
BD MAX Extended Enteric Bac. Panel (n= 23)	23	100	23	100	23	100	23	100
BioFire FILMARRAY GI Panel (n= 8)	8	100	8	100	8	100	8	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	1	100	1	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100

Luminex NxTAG Gastroint. Pathogen (n= 4)	4	100	4	100	4	100	4	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
Seegene Allplex GI-Bacteria (II) (n= 28)	27	96	28	100	28	100	28	100
RIDAGENE ETEC/EIEC (n= 4)	4	100	4	100	4	100	4	100
In house PCR assay (n= 2)	2	100	2	100	2	100	2	100
Other commercial tests (n= 1)	1	100	1	100	1	100	1	100

The following tests are listed under "Other commercial tests": Roche UC-TIB-Gastro-E coli (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.

<i>n</i> = 70	Proben Nr. (Sample no.)					Inhibition			
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	0	70	1	n.d.	0	0	0	0
Negativ	70	70	0	69	nein no	70	70	70	70
Fraglich Questionable	0	0	0	0	ja yes	0	0	0	0

Tabelle 11: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwendern 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 True negative results					
	03		01		02		04	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
BioFire FILMARRAY GI Panel (n= 9)	9	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	1	100	1	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

Roche UC-TIB-EHEC/C.diff (n= 6)	6	100	6	100	6	100	6	100
Seegene Allplex GI-Bacteria (II) (n= 29)	29	100	29	100	29	100	29	100
RIDAGENE E.coli Stool Panel I (n= 5)	5	100	5	100	5	100	5	100
RIDAGENE EHEC/EPEC (n= 9)	8	89	9	100	9	100	9	100
RIDAUNITY EHEC/EPEC (n= 4)	4	100	4	100	4	100	4	100
In house PCR assay (n= 2)	2	100	2	100	2	100	2	100

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.*

<i>n</i> = 118	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	1	1	113	n.d.	0	0	0
Negativ	118	117	117	4	nein no	118	118	118
Fraglich Questionable	0	0	0	1	ja yes	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 **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					
	04		01		02		03	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=2)	2	100	2	100	2	100	2	100
AmpliGnost Bakt. Gastroent. Panel 1 (n=1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 26)	26	100	26	100	26	100	26	100
BioFire FILMARRAY GI Panel (n= 9)	8§	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	0	0	1	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 4)	4	100	4	100	4	100	4	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
Roche UC-TIB-Gastro-BAC (n= 7)	7	100	7	100	7	100	6	86
Seegene Allplex GI-Bacteria (I) (n= 25)	22	88	25	100	25	100	25	100
Seegene Allplex GI-EB Screening (n= 18)	18	100	18	100	18	100	18	100
RIDAGENE EHEC/EPEC (n= 6)	6	100	6	100	6	100	6	100
RIDAGENE ETEC/EIEC (n= 3)	3	100	3	100	3	100	3	100
RIDAUNITY EHEC/EPEC (n= 4)	3	75	4	100	4	100	4	100
In house PCR assay (n= 2)	2	100	2	100	2	100	2	100
Other commercial tests (n= 4)	4	100	4	100	4	100	4	100

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

The following tests are listed under "Other commercial tests": RidaGene Bacterial Stool Panel V (RUO) (1x), Roche UC-TIB-Gastro Bac Y1b (1x), Seegene Allplex GI-Bacteria I Plus Assay (1x) and TIB LightMix One Tube Gastro Bac I (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> = 116	Proben Nr. (Sample no.)				Inhibition				
Befund Result	01	02	03	04		01	02	03	04
Positiv	0	116	0	0	n.d.	0	0	0	0
Negativ	116	0	116	116	nein no	116	116	116	116
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 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 Bakt. Gastroent. B1-qPCR (n=2)	2	100	2	100	2	100	2	100
AmpliGnost Bakt. Gastroent. Panel 1 (n=1)	1	100	1	100	1	100	1	100
BD MAX Enteric Bacterial Panel (n= 26)	26	100	26	100	26	100	26	100

BioFire FILMARRAY GI Panel (n= 9)	9	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	1	100	1	100
EasyScreen Pan Enteric Pathogen (n= 1)	1	100	1	100	1	100	1	100
Luminex NxTAG Gastroint. Pathogen (n= 4)	4	100	4	100	4	100	4	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
Roche UC-TIB-Gastro-BAC (n= 6)	6	100	6	100	6	100	6	100
Seegene Allplex GI-Bacteria (I) (n= 26)	26	100	26	100	26	100	26	100
Seegene Allplex GI-EB Screening (n= 19)	19	100	19	100	19	100	19	100
RIDAGENE Bacterial Stool Panel (n= 2)	2	100	2	100	2	100	2	100
RIDAGENE Bacterial Stool Panel I (n= 4)	4	100	4	100	4	100	4	100
RIDAUNITY Bacterial Stool Panel (n= 4)	4	100	4	100	4	100	4	100
In house PCR assay (n= 2)	2	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": RidaGene Bacterial Stool Panel V (RUO) (1x), Roche UC-TIB-Gastro Bac Y1b (1x), Seegene Allplex GI-Bacteria I Plus Assay (1x) and TIB LightMix One Tube Gastro Bac I (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

n = 114	Proben Nr. (Sample no.)					Inhibition			
Befund <i>Result</i>	01	02	03	04		01	02	03	04
Positiv	0	0	113	0	n.d.	0	0	0	0
Negativ	114	114	1	114	nein no	114	114	114	114
Fraglich <i>Questionable</i>	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 *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 <i>True negative results</i>		
	03	01	02	04

	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AmpliGnost Bakt. Gastroent. B1-qPCR (n=2)	2	100	2	100	2	100	2	100
AmpliGnost Bakt. Gastroent. Panel 1 (n= 1)	1	100	1	100	1	100	1	100
BD MAX Extended Enteric Bac. Panel (n=24)	24	100	24	100	24	100	24	100
BioFire FILMARRAY GI Panel (n= 9)	9	100	9	100	9	100	9	100
Bruker-Hain LiquidArray Gastroint. (n= 2)	2	100	2	100	2	100	2	100
CerTest VIASURE Gastroint. Panel II (n= 1)	1	100	1	100	1	100	1	100
EasyScreen Enteric Bacteria (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=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= 2)	2	100	2	100	2	100	2	100
Roche UC-TIB-Gastro-BAC (n= 7)	7	100	7	100	7	100	7	100
Seegene Allplex GI-Bacteria (I) (n= 25)	24	96	25	100	25	100	25	100
Seegene Allplex GI-EB Screening (n= 19)	19	100	19	100	19	100	19	100
RIDAGENE Bacterial Stool Panel (n= 3)	3	100	3	100	3	100	3	100
RIDAGENE Bacterial Stool Panel I (n= 2)	2	100	2	100	2	100	2	100
RIDAUNITY Bacterial Stool Panel (n= 5)	5	100	5	100	5	100	5	100
In house PCR assay (n= 2)	2	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": RidaGene Bacterial Stool Panel V (RUO) (1x), Roche UC-TIB-Gastro Bac Y1b (1x), Seegene Allplex GI-Bacteria I Plus Assay (1x) and TIB LightMix One Tube Gastro Bac I (1x).

Comments:

1. **EHEC**-detection was performed by 109 laboratories. With the exception of 2 laboratories (with one false positive result), all reported results were correct.
2. The following tests are listed for **EHEC**: Bruker-Hain Lifescience LiquidArray Gastrointestinal (2x), BD Stuhl PCR (1x), CerTest VIASURE Gastrointestinal Panel II (1x), Genetic signatures EasyScreen Pan-Enteric Detection Kit (1x), Luminex NxTAG Gastrointestinal Pathogen Panel (4x), MIKROGEN ampliCube Gastrointestinal Bacterial Panel 2 (1x), PathoFinder GastroFinder 2Smart (1x), Qiagen QIAstat-Dx Gastrointestinal Panel (1x), Roche UC-TIB-EHEC/C.Diff (7x), Seegene Allplex GI-Bacteria II Assay (23x), Seegene Allplex GI-EB Screening Assay (16x), r-Biopharm RIDAGENE E. coli Stool Panel 1 (4), r-Biopharm RIDAGENE EHEC/EPEC (8x), r-Biopharm RIDAUNITY EHEC/EPEC (4x) and inhouse PCR protocol (2x).
3. **Escherichia coli O157**-detection was performed by 54 laboratories. With the exception of 1 laboratory (with one false positive result), all reported results were correct.
4. The following tests are listed for **Escherichia coli O157**: BioMerieux BioFire FILMARRAY Gastrointestinal (GI) Panel (9x), Bruker-Hain Lifescience LiquidArray Gastrointestinal (2x), Genetic signatures EasyScreen Pan-Enteric Detection Kit (1x), PathoFinder GastroFinder 2Smart (1x), Qiagen QIAstat-Dx Gastrointestinal Panel (1x), Seegene Allplex GI-Bacteria II Assay (22x) and Seegene Allplex GI-EB Screening Assay (18x).

5. ***Vibrio spp.***-detection was performed by 69 laboratories. All reported results were correct.
6. The following tests are listed for ***Vibrio spp.***: BD MAX Extended Enteric Bacterial Panel (22x), BioMerieux BioFire FILMARRAY Gastrointestinal (GI) Panel (9x), Bruker-Hain Lifescience LiquidArray Gastrointestinal (2x), Genetic signatures EasyScreen Pan-Enteric Detection Kit (1x), Luminex NxTAG Gastrointestinal Pathogen Panel (4x), PathoFinder (1x), Qiagen QIAstat-Dx Gastrointestinal Panel (1x), Seegene Allplex GI-Bacteria I Assay (27x), Seegene Allplex GI-Bacteria I Plus Assay (1x) and inhouse PCR protocol (1x).