

**PCR-/NAT *Salmonella enterica*
 (RV 537) November 2019**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1925371	∅	62	<i>Escherichia coli</i> K12
1925372	++	61	<i>S. enterica</i> ser. paratyphi (~ 5x10 ⁴ CFU/mL)
1925373	+++	61	<i>S. enterica</i> ser. tennessee (~ 5x10 ⁵ CFU/mL)
1925374	+++	61	<i>S. enterica</i> ser. enteritidis (~ 1x10 ⁵ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 24</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1925371	1925372	1925373	1925374		1925371	1925372	1925373	1925374
Befund <i>Result</i>									
Positiv	0	23	24	23	n.d.	0	0	0	0
Negativ	24	1	0	1	nein <i>no</i>	24	24	24	24
Fraglich <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 Anwendern 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	
	1925372		1925373		1925374		1925371	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
RIDAGENE Bac. Stool Panel [20] (n = 5)	5	100	5	100	5	100	5	100
Foodproof Salmonella Kit [21] (n = 1)	1	100	1	100	1	100	1	100
Other commercial tests [27] (n = 12)	12	100	12	100	12	100	12	100
<i>In house</i> PCR assay [28] (n = 6)	5	83	6	100	5	83	6	100