

**PCR-/NAT *Salmonella enterica*
 (RV 537) November 2013**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1325371	+++	61	<i>S. enterica</i> ser. Typhi (~ 1x10 ⁶ CFU/mL)
1325372	∅	62	<i>Escherichia coli</i> K12
1325373	+	61	<i>S. enterica</i> ser. Typhi (~ 1x10 ⁴ CFU/mL)
1325374	++	61	<i>S. enterica</i> ser. Typhi (~ 1x10 ⁵ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 11	Probennummer (Sample no.)				Inhibition				
Befund <i>Result</i>	1325371	1325372	1325373	1325374	1325371	1325372	1325373	1325374	
Positiv	11	0	10	10	n.d.	0	0	0	0
Negativ	0	11	1	1	nein <i>no</i>	11	11	11	11
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 <i>True negative results</i>		
	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%
Foodproof <i>Salmonella</i> kit [21] (n = 1)	3	3 / 3	100	1	1 / 1	100
Other commercial tests [27] (n = 2)	6	6 / 6	100	2	2 / 2	100
<i>In house</i> PCR assay [28] (n = 8)	22	22 / 24	92	8	8 / 8	100
Andere / k.A. / other [29] (n= 1)	3	3 / 3	100	1	1 / 1	100