

**PCR-/NAT *Salmonella enterica*
 (RV 537) November 2015**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1525371	+++	61	<i>S. enterica</i> ser. enteritidis (~ 5x10 ⁵ CFU/mL)
1525372	++	61	<i>S. enterica</i> ser. grumpensis (~ 5x10 ⁴ CFU/mL)
1525373	++	61	<i>S. enterica</i> ser. enteritidis (~ 5x10 ⁴ CFU/mL)
1525374	Ø	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 20</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>					
<i>Befund Result</i>	1525371	1525372	1525373	1525374	1525371	1525372	1525373	1525374		
Positiv	20	19	19	0	n.d.	0	0	0		
Negativ	0	1 ¹⁾	1 ¹⁾	20	nein no	20	20	20		
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.

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 Salmonella Kit [21] (n = 1)	3	3 / 3	100	1	1 / 1	100
Other commercial tests [27] (n = 10)	30	30 / 30	100	10	10 / 10	100
<i>In house</i> PCR assay [28] (n = 9)	25	25 / 27	93	9	9 / 9	100

Comments: ¹⁾ Only one laboratory did not detect the 2 weaker positive samples #1525372 and #1525373.