

**PCR-/NAT *Salmonella enterica*
 (RV 537) November 2010**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Gruppe A	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1025371	+++	61	<i>S. enterica</i> ser. Typhi (~ 1x10 ⁶ CFU/mL)
1025372	∅	62	<i>Escherichia coli</i> K12
1025373	+	61	<i>S. enterica</i> ser. Typhi (~ 1x10 ⁴ CFU/mL)
1025374	++	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 = 5</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1025371	1025372	1025373	1025374		1025371	1025372	1025373	1025374
Befund <i>Result</i>									
Positiv	5	0	5	4	n.d.	0	0	0	0
Negativ	0	5	0	1	nein <i>no</i>	5	5	5	5
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>	%
Other commercial tests [27] (n = 1)	3	3 / 3	100	1	1 / 1	100
In house PCR assay [28] (n = 4)	11	11 / 12	92	4	4 / 4	100