

**PCR-/NAT *Salmonella enterica*
 (RV 537) Mai 2020**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2015371	+++	61	<i>S. enterica</i> ser. typhimurium (~ 1x10 ⁵ CFU/mL)
2015372	++	61	<i>S. enterica</i> ser. typhimurium (~ 1x10 ⁴ CFU/mL)
2015373	∅	62	<i>Escherichia coli</i> K12
2015374	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 29</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	<i>2015371</i>	<i>2015372</i>	<i>2015373</i>	<i>2015374</i>	<i>2015371</i>	<i>2015372</i>	<i>2015373</i>	<i>2015374</i>	
Positiv	29	28	0	0	n.d.	0	0	0	0
Negativ	0	1	29	29	nein no	29	29	29	29
Fraglich <i>Questionable</i>	0	0	0	0	ja yes	0	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

NAT-Methode [Code] (total number *)	NAT richtig positiv <i>True positive results</i>				NAT richtig negativ <i>True negative results</i>			
	2015371		2015372		2015373		2015374	
	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>
BD MAX Enteric Bacterial Panel (n = 6)	6	100	6	100	6	100	6	100
LightMix Salmonella (n = 2)	2	100	2	100	2	100	2	100
RIDAGENE Bacterial Stool Panel (n = 5)	5	100	5	100	5	100	5	100
Other commercial tests (n = 9)	9	100	9	100	9	100	9	100
<i>In house</i> PCR assay (n = 7)	7	100	6	86	7	100	7	100