

**PCR-/NAT *Listeria* spp.
 (RV 538) November 2016**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1625381	+++	61 / 71	<i>Listeria monocytogenes</i> (~ 5x10 ⁵ CFU/mL)
1625382	∅	62	<i>Escherichia coli</i> K12
1625383	+	61 / 71	<i>Listeria monocytogenes</i> (~ 5x10 ³ CFU/mL)
1625384	++	61 / 71	<i>Listeria monocytogenes</i> (~ 5x10 ⁴ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 36	Probennummer (Sample no.)				Inhibition				
Befund <i>Result</i>	1625381	1625382	1625383	1625384	1625381	1625382	1625383	1625384	
Positiv	36	0	35	36	n.d.	0	0	0	0
Negativ	0	36	1	0	nein <i>no</i>	36	36	36	36
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>	%
TIB Molbiol LightMix LM [21] (n = 2)	6	6 / 6	100	2	2 / 2	100
Ingenetix BactoReal LM [22] (n = 4)	12	12 / 12	100	4	4 / 4	100
Other commercial tests [27] (n = 7)	20	20 / 21	95	7	7 / 7	100
<i>In house</i> PCR assay [28] (n = 23)	69	69 / 69	100	23	23 / 23	100