

**PCR-/NAT *Listeria spp.*  
 (RV 538) November 2015**



**Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.**

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1525381	∅	62	<i>Escherichia coli</i> K12
1525382	++	61 /71	<i>Listeria monocytogenes</i> (~ 1x10 <sup>5</sup> CFU/mL)
1525383	+++	61 /71	<i>Listeria monocytogenes</i> (~ 5x10 <sup>5</sup> CFU/mL)
1525384	+	61 /71	<i>Listeria monocytogenes</i> (~ 1x10 <sup>3</sup> CFU/mL)

**Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.**

*Absolute numbers of reported individual results.*

<i>n</i> = 32	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	1525381	1525382	1525383	1525384	1525381	1525382	1525383	1525384	
<b>Positiv</b>	0	32	32	27	n.d.	0	0	0	0
<b>Negativ</b>	32	0	0	5	nein <i>no</i>	32	32	32	32
<b>Fraglich</b> <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 Anwenden verschiedener Methoden.**

*Absolute numbers and relative frequency of reported true positive and true negative results among various NAT methods.*

<b>NAT-Methode</b> [Code] (total number *)	<b>NAT richtig positiv</b> <i>True positive results</i>			<b>NAT richtig negativ</b> <i>True negative results</i>		
	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>
AmpliGnost LM [20] (n = 2)	6	6 / 6	100	2	2 / 2	100
TIB Molbiol LightMix LM [21] (n = 1)	3	3 / 3	100	1	1 / 1	100
Ingenetix BactoReal LM [22] (n = 4)	12	12 / 12	100	4	4 / 4	100
Other commercial tests [27] (n = 5)	13	13 / 15	87	5	5 / 5	100
<i>In house</i> PCR assay [28] (n = 20)	57	57 / 60	95	20	20 / 20	100