

**PCR-/NAT *Listeria spp.*
 (RV 538) April 2011**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.
Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1115381	++	61 /71	<i>Listeria monocytogenes</i> (~ 5x10 ³ CFU/mL)
1115382	+	61 /71	<i>Listeria monocytogenes</i> (~ 5x10 ² CFU/mL)
1115383	++	61 /71	<i>Listeria monocytogenes</i> (~ 1x10 ⁴ CFU/mL)
1115384	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.
Absolute numbers of reported individual results.

<i>n = 30</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1115381	1115382	1115383	1115384		1115381	1115382	1115383	1115384
Befund <i>Result</i>									
Positiv	29	29	28	0	n.d.	0	0	0	0
Negativ	1	1	2	30	nein <i>no</i>	30	30	30	30
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 = 5)	11	11 / 15	73	5	5 / 5	100
In house PCR assay [28] (n = 24)	72	72 / 72	100	24	24 / 24	100
Andere / k.A. / other [29] (n = 1)	3	3 / 3	100	1	1 / 1	100