

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

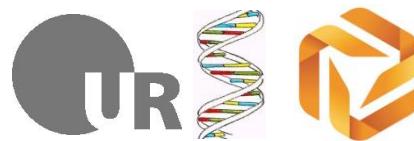


Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

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

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

n = 32	Probennummer (Sample no.)				Inhibition
	1525381	1525382	1525383	1525384	
Befund Result	1525381	1525382	1525383	1525384	n.d.
Positiv	0	32	32	27	0
Negativ	32	0	0	5	32
Fraglich Questionable	0	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 True positive results			NAT richtig negativ True negative results		
	Absolut Absolute	Relativ Relative	%	Absolut Absolute	Relativ Relative	%
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
In house PCR assay [28] (n = 20)	57	57 / 60	95	20	20 / 20	100