

**PCR-/NAT *Listeria spp.*
 (RV 538) Nov 2020**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2025381	∅	62	<i>Escherichia coli</i> K12
2025382	+	61 /71	<i>Listeria monocytogenes</i> (~ 5x10 ³ CFU/mL)
2025383	+++	61 /71	<i>Listeria monocytogenes</i> (~ 5x10 ⁵ CFU/mL)
2025384	++	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 = 41</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	2025381	2025382	2025383	2025384		2025381	2025382	2025383	2025384
Befund <i>Result</i>									
Positiv	1	42	42	42	n.d.	0	0	0	0
Negativ	41	0	0	0	nein <i>no</i>	42	42	42	42
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

NAT-Methode [Code] (total number)	NAT richtig positiv <i>True positive results</i>						NAT richtig negativ	
	2025382		2025383		2025384		2025381	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
Ingenetix BactoReal <i>L.monocyt.</i> (n = 5)	5	100	5	100	5	100	5	100
Seegene Allplex Meningitis-B (n = 3)	3	100	3	100	3	100	3	100
LightMix <i>L.monocytogenes</i> (n = 7)	7	100	7	100	7	100	7	100
Other commercial tests (n = 10)	10	100	10	100	10	100	10	100
<i>In house</i> PCR assay (n = 17)	17	100	17	100	17	100	16	94