PCR-/NAT *Listeria spp.*
(RV 538)   November 2014

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

	Erwartet / *expected*		**Probenzusammensetzung** / *Sample composition*
1425381	**+++**	**61** /71	***Listeria monocytogenes* (~ 1x10^5 CFU/mL)**
1425382	**+**	**61** /71	***Listeria monocytogenes* (~ 1x10^3 CFU/mL)**
1425383	**Ø**	**62**	***Escherichia coli* K12**
1425384	**++**	**61** /71	***Listeria monocytogenes* (~ 1x10^4 CFU/mL)**

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

n = 31	**Probennummer** (Sample no.)					**Inhibition**			
Befund *Result*	**1425381**	**1425382**	**1425383**	**1425384**		**1425381**	**1425382**	**1425383**	**1425384**
Positiv	31	26	0	31	**n.d.**	1	1	1	1
Negativ	0	5	31	0	**nein** *no*	30	30	30	30
Fraglich *Questionable*	0	0	0	0	**ja** *yes*	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 = 1)	**3**	3 / 3	**100**	**1**	1 / 1	**100**
TIB Molbiol LightMix LM [21] (n = 1)	**3**	3 / 3	**100**	**1**	1 / 1	**100**
Ingenetix BactoReal LM [22] (n = 2)	**6**	6 / 6	**100**	**2**	2 / 2	**100**
Other commercial tests [27] (n = 4)	**12**	12 / 12	**100**	**4**	4 / 4	**100**
***In house* PCR assay [28] (n = 23)**	**64**	64 / 69	**93**	**23**	23 / 23	**100**