

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) November 2011**



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1125401	++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁴ IFU/mL)
1125402	+++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁵ IFU/mL)
1125403	+	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ³ IFU/mL)
1125404	∅	62	<i>Escherichia coli</i> K12

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

<i>n = 93</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1125401	1125402	1125403	1125404		1125401	1125402	1125403	1125404
Befund <i>Result</i>									
Positiv	93	91	86	1	n.d.	0	0	0	0
Negativ	0	2	6	92	nein <i>no</i>	93	93	93	93
Fraglich <i>Questionable</i>	0	0	1	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>	%
LightMix <i>C.pneumoniae</i> [21] (n = 13)	38	38 / 39	97	13	13 / 13	100
Other commercial tests [27] (n = 27)	75	75 / 80 [§]	94	26	26 / 27	96
<i>In house</i> PCR assay [28] (n = 51)	151	151 / 153	99	51	51 / 51	100
Andere / k.A. / other [29] (n = 2)	6	6 / 6	100	2	2 / 2	100

[§] Due to reporting questionable results, the number of true results (denominator in the "relative" column) have been reduced.