

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) Mai 2012**



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1215401	++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁴ IFU/mL)
1215402	∅	62	<i>Chlamydia trachomatis A</i> (~ 1x10 ⁵ IFU/mL)
1215403	+++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁶ IFU/mL)
1215404	∅	62	<i>Escherichia coli</i> K12

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

<i>n = 97</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	<i>1215401</i>	<i>1215402</i>	<i>1215403</i>	<i>1215404</i>		<i>1215401</i>	<i>1215402</i>	<i>1215403</i>	<i>1215404</i>
<i>Befund Result</i>									
Positiv	93	3	97	2	n.d.	1	1	1	1
Negativ	3	94	0	95	nein no	96	96	96	96
Fraglich Questionable	1	0	0	0	ja yes	0	0	0	0

Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden 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 = 15)	29	29 / 30	97	29	29 / 30	97
Other commercial tests [27] (n = 33)	65	65 / 66	98	65	65 / 66	98
In house PCR assay [28] (n = 48)	95	95 / 96 [§]	99	93	93 / 96	97
Andere / k.A. / other [29] (n=1)	2	2 / 2	100	2	2 / 2	100

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