

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) November 2010**



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

Gruppe A	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1025401	++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁴ IFU/mL)
1025402	+++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁵ IFU/mL)
1025403	∅	62	<i>Escherichia coli</i> K12
1025404	(+)	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ³ IFU/mL)

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

<i>n</i> = 78	Probennummer (Sample no.)					Inhibition			
	1025401	1025402	1025403	1025404		1025401	1025402	1025403	1025404
Befund <i>Result</i>									
Positiv	72	76	0	73	n.d.	0	0	0	0
Negativ	6	2	77	4	nein <i>no</i>	78	78	77	77
Fraglich <i>Questionable</i>	0	0	1	1	ja <i>yes</i>	0	0	1	1

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 =9)	27	27 / 27	100	9	9 / 9	100
Other commercial tests [27] (n = 22)	63	63 / 66	95	22	22 / 22	100
In house PCR assay [28] (n = 45)	125	125 / 134 §	93	44	44 / 44 §	100
Andere / k.A. / other [29] (n =2)	6	6 / 6	100	2	2 / 2	100