

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) November 2014**



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1425401	+++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁵ IFU/mL)
1425402	∅	62	<i>Escherichia coli</i> K12
1425403	++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁴ IFU/mL)
1425404	∅	62	<i>Chlamydia trachomatis</i> A (~ 1x10 ⁵ IFU/mL)

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

<i>n</i> = 113	Probennummer (Sample no.)				Inhibition				
	1425401	1425402	1425403	1425404	1425401	1425402	1425403	1425404	
Befund <i>Result</i>									
Positiv	113	1	112	2	n.d.	0	0	0	0
Negativ	0	112	1	111	nein <i>no</i>	113	113	113	113
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 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>	%
TIB Molbiol LightMix CP [21] (n = 11)	22	22 / 22	100	21	21 / 22	95
Diagenode MP/CP [22] (n = 8)	16	16 / 16	100	16	16 / 16	100
AmpliGnost CP PCR Kit [23] (n = 2)	4	4 / 4	100	4	4 / 4	100
Other commercial tests [27] (n = 43)	86	86 / 86	100	86	86 / 86	100
<i>In house</i> PCR assay [28] (n = 47)	93	93 / 94	99	92	92 / 94	98
Andere / k.A. / other [29] (n= 2)	4	4 / 4	100	4	4 / 4	100