

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



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1415401	++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁵ IFU/mL)
1415402	(+)	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ³ IFU/mL)
1415403	+	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁴ IFU/mL)
1415404	∅	62	<i>Escherichia coli</i> K12

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

<i>n</i> = 129	Probennummer (Sample no.)				Inhibition				
	1415401	1415402	1415403	1415404	1415401	1415402	1415403	1415404	
Befund <i>Result</i>									
Positiv	129	125	128	2	n.d.	1	1	1	1
Negativ	0	4	1	126	nein <i>no</i>	128	128	128	127
Fraglich <i>Questionable</i>	0	0	0	1	ja <i>yes</i>	0	0	0	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>	%
TIB Molbiol LightMix CP [21] (n = 14)	42	42 / 42	100	14	14 / 14	100
Diagenode MP/CP [22] (n = 7)	21	21 / 21	100	6	6 / 6 [§]	100
AmpliGnost CP PCR Kit [23] (n = 2)	6	6 / 6	100	2	2 / 2	100
Other commercial tests [27] (n = 50)	148	148 / 150	99	49	49 / 50	98
<i>In house</i> PCR assay [28] (n = 56)	165	165 / 168	98	55	55 / 56	98

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