

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) Juni 2017**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1715401	∅	62	<i>Escherichia coli</i> K12
1715402	+++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁵ IFU/mL)
1715403	+	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁴ IFU/mL)
1715404	++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁴ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 134</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	<i>1715401</i>	<i>1715402</i>	<i>1715403</i>	<i>1715404</i>		<i>1715401</i>	<i>1715402</i>	<i>1715403</i>	<i>1715404</i>
Befund <i>Result</i>									
Positiv	1	134	129	132	n.d.	1	1	1	1
Negativ	133	0	4	2	nein <i>no</i>	133	133	133	133
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>	%
TIB Molbiol LightMix CP [21] (n = 14)	42	42 / 42	100	14	14 / 14	100
Diagenode MP/CP [22] (n = 8)	23	23 / 24	96	8	8 / 8	100
AmpliGnost CP PCR Kit [23] (n = 6)	17	17 / 18	94	6	6 / 6	100
Other commercial tests [27] (n = 63)	186	186 / 188 §	99	62	62 / 63	98
In house PCR assay [28] (n = 42)	124	124 / 126	98	42	42 / 42	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) has been reduced.

* Durch Mehrfachnennung oder fehlende Angabe kann die absolute Zahl der Ergebnisse (Tab. 2) von der Anzahl der Teilnehmer abweichen.
 Due to reporting results of multiple assay systems or missing specifications, the effective numbers are not correlating with the number of participants.