

**PCR-/NAT *Chlamydia pneumoniae***  
**(RV 540) November 2018**



**Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.**

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1825401	+++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 <sup>5</sup> IFU/mL)
1825402	∅	62	<i>Myc. pneumoniae</i> (~ 5x10 <sup>4</sup> genome copies/mL)
1825403	++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 <sup>4</sup> IFU/mL)
1825404	∅	62	<i>Escherichia coli</i> K12

**Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.**

*Absolute numbers of reported individual results.*

<i>n = 120</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	<b>1825401</b>	<b>1825402</b>	<b>1825403</b>	<b>1825404</b>	<b>1825401</b>	<b>1825402</b>	<b>1825403</b>	<b>1825404</b>	
<b>Positiv</b>	119	0	117	3	n.d.	0	0	0	0
<b>Negativ</b>	1	120	3	116	nein no	120	120	120	120
<b>Fraglich Questionable</b>	0	0	0	1	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.*

<b>NAT-Methode</b> [Code] (total number *)	<b>NAT richtig positiv</b> <i>True positive results</i>			<b>NAT richtig negativ</b> <i>True negative results</i>		
	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>
TIB Molbiol LightMix CP [21] (n = 15)	30	30 / 30	100	30	30 / 30	100
Diagenode MP/CP [22] (n = 7)	12	12 / 14	86	14	14 / 14	100
AmpliGnost CP PCR Kit [23] (n = 6)	12	12 / 12	100	12	12 / 12	100
AID CAP Bacteria [24] (n = 5)	9	9 / 10	90	9	9 / 10	90
Other commercial tests [27] (n = 51)	102	102 / 102	100	101	101 / 102	99
<i>In house</i> PCR assay [28] (n = 34)	67	67 / 68	99	66	66 / 67 §	99
Andere / k.A. / other [29] (n = 3)	6	6 / 6	100	6	6 / 6	100

\* 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.

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