

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) November 2019**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1925401	+	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁴ IFU/mL)
1925402	+++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁵ IFU/mL)
1925403	∅	62	<i>Mycoplasma pneumoniae</i> (~ 1x10 ⁵ genome copies/mL)
1925404	∅	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>	1925401	1925402	1925403	1925404		1925401	1925402	1925403	1925404
Positiv	120	120	1	1	n.d.	0	0	0	0
Negativ	0	0	119	118	nein no	120	120	120	120
Fraglich <i>Questionable</i>	0	0	0	1	ja yes	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>			
	1925401		1925402		1925403		1925404	
	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>
TIB Molbiol LightMix CP [21] (n = 12)	12	100	12	100	12	100	12	100
Diagenode MP/CP [22] (n = 3)	3	100	3	100	3	100	3	100
AmpliGnost CP PCR Kit [23] (n = 7)	7	100	7	100	7	100	7	100
AID CAP Bacteria [24] (n = 6)	6	100	6	100	6	100	6	100
Other commercial tests [27] (n = 55)	55	100	55	100	55	100	54	100
<i>In house</i> PCR assay [28] (n = 37)	37	100	37	100	36	97	36	97