

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



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1915401	++	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁵ IFU/mL)
1915402	∅	62	<i>Escherichia coli</i> K12
1915403	+++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁶ IFU/mL)
1915404	+	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ³ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 139	Probennummer (Sample no.)				Inhibition				
Befund <i>Result</i>	1915401	1915402	1915403	1915404	1915401	1915402	1915403	1915404	
Positiv	139	3	139	137	n.d.	1	1	1	1
Negativ	0	136	0	1	nein <i>no</i>	138	138	138	138
Fraglich <i>Questionable</i>	0	0	0	1	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)	41	41 / 41 [§]	100	14	14 / 14	100
Diagenode MP/CP [22] (n = 5)	15	15 / 15	100	4	4 / 5	80
AmpliGnost CP PCR Kit [23] (n = 7)	21	21 / 21	100	7	7 / 7	100
AID CAP Bacteria [24] (n = 4)	12	12 / 12	100	4	4 / 4	100
Other commercial tests [27] (n = 65)	194	194 / 195	99	64	64 / 65	98
<i>In house</i> PCR assay [28] (n = 40)	120	120 / 120	100	39	39 / 40	98
Andere / k.A. / other [29] (n = 4)	12	12 / 12	100	4	4 / 4	100

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