

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) Mai 2020**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2015401	∅	62	<i>Escherichia coli</i> K12
2015402	+++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁵ IFU/mL)
2015403	+	61	<i>Chlamydia pneumoniae</i> (~ 1x10 ⁴ IFU/mL)
2015404	∅	62	<i>Haemophilus influenzae</i> (~ 1x10 ⁵ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 138</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	<i>2015401</i>	<i>2015402</i>	<i>2015403</i>	<i>2015404</i>	<i>2015401</i>	<i>2015402</i>	<i>2015403</i>	<i>2015404</i>	
<i>Befund Result</i>									
Positiv	0	138	138	1	n.d.	1	1	1	1
Negativ	138	0	0	137	nein no	137	137	137	137
Fraglich <i>Questionable</i>	0	0	0	0	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>			
	2015402		2015403		2015401		2015404	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
AID CAP bacteria (n = 7)	7	100	7	100	7	100	7	100
ARGENE C.pn/M.pn r-gene (n = 6)	6	100	6	100	6	100	6	100
AmpliGnost C.pneumoniae (n = 7)	7	100	7	100	7	100	7	100
GeneProof C.pneumoniae (n = 13)	13	100	13	100	13	100	13	100
Mikrogen Diagenode M.pn/ C.pn (n = 3)	3	100	3	100	3	100	3	100
Seegene Allplex Resp. Panel 4 (n = 10)	10	100	10	100	10	100	10	100
LightMix C.pneumoniae (n = 15)	15	100	15	100	15	100	15	100
Other commercial tests (n = 41)	41	100	41	100	41	100	41	100
<i>In house</i> PCR assay (n = 36)	36	100	36	100	36	100	35	97