

**PCR-/NAT *Chlamydia pneumoniae*
 (RV 540) Mai 2015**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1515401	++	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁵ IFU/mL)
1515402	+	61	<i>Chlamydia pneumoniae</i> (~ 5x10 ⁴ IFU/mL)
1515403	∅	62	<i>Escherichia coli</i> K12
1515404	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 127</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	<i>1515401</i>	<i>1515402</i>	<i>1515403</i>	<i>1515404</i>		<i>1515401</i>	<i>1515402</i>	<i>1515403</i>	<i>1515404</i>
Befund <i>Result</i>									
Positiv	126	123	0	1	n.d.	0	0	0	0
Negativ	1	4	127	126	nein <i>no</i>	127	127	127	127
Fraglich <i>Questionable</i>	0	0	0	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)	27	27 / 28	96	28	28 / 28	100
Diagenode MP/CP [22] (n = 11)	20	20 / 22	91	22	22 / 22	100
AmpliGnost CP PCR Kit [23] (n = 2)	4	4 / 4	100	4	4 / 4	100
Other commercial tests [27] (n = 54)	107	107 / 108	99	107	107 / 108	99
<i>In house</i> PCR assay [28] (n = 44)	87	87 / 88	99	88	88 / 88	100
Andere / k.A. / other [29] (n = 2)	4	4 / 4	100	4	4 / 4	100