

PCR-/NAT *Mycoplasma pneumoniae* (RV 541) Mai 2016

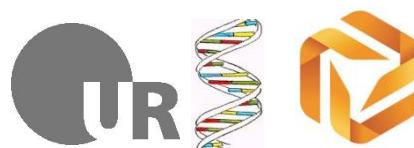


Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	Erwartet / expected	Probenzusammensetzung / Sample composition		
1615411	Ø	62	<i>Escherichia coli</i> K12	
1615412	+++	61	<i>Mycoplasma pneumoniae</i> (~ 10 ⁶ genome copies/mL)	
1615413	+	61	<i>Mycoplasma pneumoniae</i> (~ 10 ⁴ genome copies/mL)	
1615414	++	61	<i>Mycoplasma pneumoniae</i> (~ 10 ⁵ genome copies/mL)	

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

n = 143	Probennummer (Sample no.)			
Befund Result	1615411	1615412	1615413	1615414
Positiv	0	141	136	141
Negativ	143	1	7	1
Fraglich Questionable	0	1	0	1

	Inhibition			
	1615411	1615412	1615413	1615414
n.d.	1	1	1	1
nein no	142	142	142	142
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 True positive results			NAT richtig negativ True negative results		
	Absolut Absolute	Relativ Relative	%	Absolut Absolute	Relativ Relative	%
LightMix <i>M.pneumoniae</i> [20] (n = 14)	41	41 / 42	98	14	14 / 14	100
Minerva Venor Mp [22] (n = 1)	3	3 / 3	100	1	1 / 1	100
AmpliGnost MP PCR Kit [23] (n = 7)	21	21 / 21	100	7	7 / 7	100
Diagenode MP/CP [24] (n = 10)	30	30 / 30	100	10	10 / 10	100
Commercial assay / kit [27] (n = 66)	191	191/196 §	97	66	66 / 66	100
In house PCR assay [28] (n = 47)	135	135/139 §	97	47	47 / 47	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. .