

**PCR-/NAT *Mycoplasma pneumoniae*  
 (RV 541) Mai 2015**



**Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.**

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1515411	++	61	<i>Mycoplasma pneumoniae</i> (~ 1x10 <sup>6</sup> genome copies/mL)
1515412	∅	62	<i>Escherichia coli</i> K12
1515413	+++	61	<i>Mycoplasma pneumoniae</i> (~ 5x10 <sup>6</sup> genome copies/mL)
1515414	∅	62	<i>Mycoplasma genitalium</i> (~ 10 <sup>4</sup> genome copies/mL)

**Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.**

*Absolute numbers of reported individual results.*

<i>n = 139</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1515411	1515412	1515413	1515414		1515411	1515412	1515413	1515414
<b>Befund</b> <i>Result</i>									
<b>Positiv</b>	136	1	137	5	n.d.	0	0	0	0
<b>Negativ</b>	3	138	2	134	nein <i>no</i>	139	139	139	139
<b>Fraglich</b> <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.*

<b>NAT-Methode</b> [Code] (total number *)	<b>NAT richtig positiv</b> <i>True positive results</i>			<b>NAT richtig negativ</b> <i>True negative results</i>		
	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>
LightMix <i>M.pneumoniae</i> [20] (n =14)	26	26 / 28	93	28	28 / 28	100
Minerva Venor Mp [22] (n = 3)	6	6 / 6	100	6	6 / 6	100
AmpliGnost MP PCR Kit [23] (n = 2)	4	4 / 4	100	4	4 / 4	100
Diagenode MP/CP [24] (n = 9)	18	18 / 18	100	18	18 / 18	100
Commercial assay / kit [27] (n = 58)	115	115 / 116	99	112	112 / 116	97
<i>In house</i> PCR assay [28] (n = 51)	100	100 / 102	98	100	100 / 102	98
Andere / k.A. / other [29] (n = 2)	4	4 / 4	100	4	4 / 4	100