

**PCR-/NAT *Pneumocystis jirovecii*
 (RV 560) Mai / Juni 2019**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1915601	∅	62	<i>Escherichia coli</i> K12
1915602	+++	61	<i>Pneumocystis jirovecii</i> (~ 1x10 ⁵ CFU/mL)
1915603	++	61	<i>Pneumocystis jirovecii</i> (~ 1x10 ⁴ CFU/mL)
1915604	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 117</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	<i>1915601</i>	<i>1915602</i>	<i>1915603</i>	<i>1915604</i>	<i>1815601</i>	<i>1815602</i>	<i>1815603</i>	<i>1815604</i>	
Befund <i>Result</i>									
Positiv	0	117	114	0	n.d.	0	0	0	0
Negativ	117	0	2	117	nein <i>no</i>	117	117	117	117
Fraglich <i>Questionable</i>	0	0	1	0	ja <i>yes</i>	0	0	0	0

Tabelle 3: Häufigkeit richtig positiver und richtig negativer NAT-Befunde bei Anwenden 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>		
	<i>Absolut</i> <i>Absolute</i>	<i>Relativ</i> <i>Relative</i>	<i>%</i>	<i>Absolut</i> <i>Absolute</i>	<i>Relativ</i> <i>Relative</i>	<i>%</i>
TIB Molbiol LightMix PJ [21] (n = 10)	20	20 / 20	100	20	20 / 20	100
r-Biopharm RIDAGENE PJ [22] (n = 34)	68	68 / 68	100	68	68 / 68	100
AmpliGnost PJ PCR Kit [23] (n = 9)	18	18 / 18	100	18	18 / 18	100
Sacace PJ Real TM [24] (n = 2)	4	4 / 4	100	4	4 / 4	100
Commercial assay / kit [27] (n = 26)	51	51 / 52	98	52	52 / 52	100
<i>In house</i> PCR assay [28] (n = 34)	66	66 / 67 §	99	68	68 / 68	100
<i>Andere / k.A. / other</i> [29] (n = 2)	4	4 / 4	100	4	4 / 4	100

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