

**PCR-/NAT *Pneumocystis jirovecii*
 (RV 560) Mai 2013**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.
Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1315601	+++	61	<i>Pneumocystis jirovecii</i> (~ 3x10 ⁶ genome copies/mL)
1315602	++	61	<i>Pneumocystis jirovecii</i> (~ 4x10 ⁵ genome copies/mL)
1315603	+	61	<i>Pneumocystis jirovecii</i> (~ 3x10 ⁴ genome copies/mL)
1315604	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.
Absolute numbers of reported individual results.

<i>n = 66</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	<i>1315601</i>	<i>1315602</i>	<i>1315603</i>	<i>1315604</i>	<i>1315601</i>	<i>1315602</i>	<i>1315603</i>	<i>1315604</i>	
Befund <i>Result</i>									
Positiv	66	66	65	0	n.d.	1	1	1	1
Negativ	0	0	1	66	nein <i>no</i>	65	65	65	65
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>	%
Myconostica MycAssay [20] (n =2)	6	6 / 6	100	2	2 / 2	100
TIB Molbiol LightMix PJ [21] (n =6)	18	18 / 18	100	6	6 / 6	100
AmpliGnost PJ PCR Kit [22] (n =5)	15	15 / 15	100	5	5 / 5	100
Sacace PJ RealTM [23] (n =1)	3	3 / 3	100	1	1 / 1	100
Commercial assay / kit [27] (n =10)	30	30 / 30	100	10	10 / 10	100
In house PCR assay [28] (n = 41)	122	122 / 123	99	41	41 / 41	100
Andere / k.A. / other [29] (n = 1)	3	3 / 3	100	1	1 / 1	100