

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



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1325601	++	61	<i>Pneumocystis jirovecii</i> (~ 3x10 ⁵ genome copies/mL)
1325602	∅	62	<i>Escherichia coli</i> K12
1325603	+	61	<i>Pneumocystis jirovecii</i> (~ 9x10 ⁴ genome copies/mL)
1325604	∅	62	<i>Escherichia coli</i> K12

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

<i>n = 59</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1325601	1325602	1325603	1325604		1325601	1325602	1325603	1325604
Befund <i>Result</i>									
Positiv	58	0	59	0	n.d.	0	0	0	0
Negativ	1	59	0	59	nein <i>no</i>	59	59	59	59
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 =1)	1	1 / 2	50	2	2 / 2	100
TIB Molbiol LightMix PJ [21] (n =7)	14	14 / 14	100	14	14 / 14	100
AmpliGnost PJ PCR Kit [22] (n =5)	10	10 / 10	100	10	10 / 10	100
Sacace PJ RealTM [23] (n =1)	2	2 / 2	100	2	2 / 2	100
Commercial assay / kit [27] (n =11)	22	22 / 22	100	22	22 / 22	100
In house PCR assay [28] (n = 33)	66	66 / 66	100	66	66 / 66	100
Andere / k.A. / other [29] (n = 1)	2	2 / 2	100	2	2 / 2	100