

**PCR-/NAT *Pneumocystis jirovecii*  
 (RV 560) Nov 2020**



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

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2025601	++	61	<i>Pneumocystis jirovecii</i> (~ 1x10 <sup>4</sup> organisms/mL)
2025602	∅	62	<i>Escherichia coli</i> K12
2025603	+++	61	<i>Pneumocystis jirovecii</i> (~ 1x10 <sup>5</sup> organisms/mL)
2025604	∅	62	<i>Escherichia coli</i> K12

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

*Absolute numbers of reported individual results.*

<i>n = 111</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	2025601	2025602	2025603	2025604		2025601	2025602	2025603	2025604
<b>Befund</b> <i>Result</i>									
<b>Positiv</b>	107	1	111	1	n.d.	0	0	0	0
<b>Negativ</b>	4	110	0	109	nein <i>no</i>	111	111	111	110
<b>Fraglich</b> <i>Questionable</i>	0	0	0	1	ja <i>yes</i>	0	0	0	1

**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>			
	2025601		2025603		2025602		2025604	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
Altona RealStar P.jirovecii (n = 12)	12	100	12	100	12	100	12	100
Amplex eazyplex P.jirovecii (n = 6)	5	83	6	100	6	100	6	100
AmpliGnost P.jirovecii (n = 9)	9	100	9	100	9	100	9	100
BioGx P.jirovecii (n = 5)	5	100	5	100	5	100	5	100
LightMix P.jirovecii (n = 12)	12	100	12	100	12	100	12	100
RIDAGENE P.jirovecii (n = 31)	29	94	31	100	31	100	31	100
Other commercial tests (n = 8)	8	100	8	100	8	100	8	100
<i>In house</i> PCR assay (n = 28)	27	96	28	100	27	96	26	93