

**PCR-/NAT *Chlamydia trachomatis***  
**(RV 531) November 2022**



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

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2225311	∅	62	<i>Escherichia coli</i> K12
2225312	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 <sup>4</sup> IFU/mL)
2225313	+	61	<i>Chlamydia trachomatis</i> (~ 5x10 <sup>3</sup> IFU/mL)
2225314	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 <sup>4</sup> IFU/mL)

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

*Absolute numbers of reported individual results.*

<i>n = 45</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	2225311	2225312	2225313	2225314	2225311	2225312	2225313	2225314	
<b>Positiv</b>	1	44	45	45	n.d.	0	0	0	0
<b>Negativ</b>	44	1	0	0	nein no	45	45	45	45
<b>Fraglich Questionable</b>	0	0	0	0	ja yes	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>	
	2225312		2225313		2225314		2225311	
	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>	<i>Absolut Absolute</i>	<i>%</i>
AID RDB 2110 STD (n = 1)	1	100	1	100	1	100	1	100
Abbott Alinity m STI Assay (n = 1)	1	100	1	100	1	100	1	100
Abbott RealTime CT (n = 1)	1	100	1	100	1	100	1	100
BD MAX CT (n = 2)	2	100	2	100	2	100	2	100
BD ProbeTec (n = 3)	3	100	3	100	3	100	3	100
HAIN FluoroType CT (n = 8)	8	100	8	100	8	100	8	100
Cepheid Xpert CT (n = 3)	3	100	3	100	3	100	3	100
GeneProof <i>C. trachomatis</i> (n = 5)	5	100	5	100	5	100	5	100

<b>Aptima Combo 2 assay CT (n = 1)</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>
<b>Roche COBAS 4800 NG (n = 1)</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>	<b>1</b>	<b>100</b>
<b>Roche COBAS 6800 NG (n = 2)</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>
<b>Sacace C. trachomatis Real TM (n = 2)</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>
<b>Seegene Allplex CT/NG/MG/TV (n = 2)</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>
<b>Seegene Allplex STI Essential (n = 2)</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>	<b>2</b>	<b>100</b>
<b>LightMix CT (n = 5)</b>	<b>4</b>	<b>80</b>	<b>5</b>	<b>100</b>	<b>5</b>	<b>100</b>	<b>4</b>	<b>80</b>
<b>In house PCR assay (n = 3)</b>	<b>3</b>	<b>100</b>	<b>3</b>	<b>100</b>	<b>3</b>	<b>100</b>	<b>3</b>	<b>100</b>
<b>Other commercial tests (n = 3)</b>	<b>3</b>	<b>100</b>	<b>3</b>	<b>100</b>	<b>3</b>	<b>100</b>	<b>3</b>	<b>100</b>

**Comments:**

1. Unter "Andere kommerzielle Testsysteme" sind folgende Testsysteme aufgeführt: Gerbion diarellaSTI-1 (1x), Qiagen NeuMoDx CT/NG (1x) und Sansure Biotech (1x).