

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



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2215311	+++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
2215312	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
2215313	∅	62	<i>Escherichia coli</i> K12
2215314	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁵ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 48</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	2215311	2215312	2215313	2215314	2215311	2215312	2215313	2215314	
Befund <i>Result</i>									
Positiv	48	48	0	48	n.d.	0	0	0	0
Negativ	0	0	48	0	nein <i>no</i>	48	48	48	48
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	
	2215311		2215312		2215314		2215313	
	<i>Absolut</i> <i>Absolute</i>	%	<i>Absolut</i> <i>Absolute</i>	%	<i>Absolut</i> <i>Absolute</i>	%	<i>Absolut</i> <i>Absolute</i>	%
AID RDB 2110 STD (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 = 3)	3	100	3	100	3	100	3	100
BD ProbeTec (n = 2)	2	100	2	100	2	100	2	100
HAIN FluoroType CT (n = 10)	10	100	10	100	10	100	10	100
Cepheid Xpert CT (n = 2)	2	100	2	100	2	100	2	100
GeneProof <i>C. trachomatis</i> (n = 6)	6	100	6	100	6	100	6	100
Aptima Combo 2 assay CT (n = 1)	1	100	1	100	1	100	1	100

artus CT/NG QS-RGQ Kit (n = 1)	1	100	1	100	1	100	1	100
Roche COBAS 4800 NG (n = 1)	1	100	1	100	1	100	1	100
Roche COBAS 6800 NG (n = 1)	1	100	1	100	1	100	1	100
Sacace C. trachomatis Real TM (n = 3)	3	100	3	100	3	100	3	100
Seegene Allplex CT/NG/MG/TV (n = 3)	3	100	3	100	3	100	3	100
Seegene Allplex STI Essential (n = 1)	1	100	1	100	1	100	1	100
LightMix CT (n = 4)	4	100	4	100	4	100	4	100
In house PCR assay (n = 3)	3	100	3	100	3	100	3	100
Other commercial tests (n = 5)	5	100	5	100	5	100	5	100

Comments:

1. Unter "Andere kommerzielle Testsysteme" sind folgende Testsysteme aufgeführt: AmpliSens C. trachomatis FRT PCR kit (2x), Clonit C. trachomatis (1x) und Sansure Biotech (1x).