

PCR-/NAT *Chlamydia trachomatis*
(RV 531) Mai 2023



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Proben Nr.	Erwartet / expected		Probenzusammensetzung / Sample composition
531 230523 01	∅	62	<i>Escherichia coli</i> K12
531 230523 02	+	61	<i>Chlamydia trachomatis</i> (~ 2x10 ⁴ IFU/mL)
531 230523 03	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁴ IFU/mL)
531 230523 04	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁵ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 44	Proben Nr. (Sample no.)				Inhibition				
	01	02	03	04	01	02	03	04	
Befund <i>Result</i>									
Positiv	0	44	44	44	n.d.	1	1	1	1
Negativ	44	0	0	0	nein <i>no</i>	43	43	43	43
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 Anwenden 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	
	02		03		04		01	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
AID RDB 2110 STD (n = 1)	1	100	1	100	1	100	1	100
AmpliSens CT FRT PCR Kit (n = 6)	6	100	6	100	6	100	6	100
BD MAX CT (n = 1)	1	100	1	100	1	100	1	100
BD ProbeTec (n = 2)	2	100	2	100	2	100	2	100
Bruker-HAIN FluoroType CT (n = 9)	9	100	9	100	9	100	9	100
Cepheid Xpert CT (n = 2)	2	100	2	100	2	100	2	100
GeneProof C. trachomatis (n = 6)	6	100	6	100	6	100	6	100
Qiagen NeuMoDx CT/NG (n = 1)	1	100	1	100	1	100	1	100

Roche COBAS 4800 NG (n = 1)	1	100	1	100	1	100	1	100
COBAS 5800, 6800, 8800 CT (n = 1)	1	100	1	100	1	100	1	100
Sacace C. trachomatis Real TM (n = 2)	2	100	2	100	2	100	2	100
Seegene Allplex CT/NG/MG/TV (n = 3)	3	100	3	100	3	100	3	100
Seegene Allplex STI Essential (n = 2)	2	100	2	100	2	100	2	100
LightMix CT (n = 4)	4	100	4	100	4	100	4	100
In house PCR assay (n = 1)	1	100	1	100	1	100	1	100
Other commercial tests (n = 2)	2	100	2	100	2	100	2	100

Comments:

1. The following tests are listed under "Other commercial tests": Aprimeo / BOSCH Vivalytic STI (1x) and Clonit C. trachomatis (1x).