

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



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

Proben Nr.	Erwartet / <i>expected</i>		Probenzusammensetzung / <i>Sample composition</i>
531 231024 01	+++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁴ IFU/mL)
531 231024 02	+++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁵ IFU/mL)
531 231024 03	∅	62	<i>Escherichia coli</i> K12
531 231024 04	+++	61	<i>Chlamydia trachomatis</i> (~ 2x10 ⁵ IFU/mL)

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

<i>n</i> = 37	Proben Nr. (<i>Sample no.</i>)				Inhibition				
	01	02	03	04		01	02	03	04
Befund <i>Result</i>									
Positiv	37	36	0	37	n.d.	1	1	1	1
Negativ	0	1	37	0	nein <i>no</i>	36	36	36	36
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	
	01		02		04		03	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
AID RDB 2110 STD (n = 1)	1	100	0	0	1	100	1	100
AmpliSens CT FRT PCR Kit (n = 2)	2	100	2	100	2	100	2	100
BD ProbeTec (n = 3)	3	100	3	100	3	100	3	100
Bruker-HAIN FluoroType CT (n = 8)	8	100	8	100	8	100	8	100
Cepheid Xpert CT (n = 2)	2	100	2	100	2	100	2	100
GeneProof <i>C. trachomatis</i> (n = 4)	4	100	4	100	4	100	4	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 = 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 = 5)	5	100	5	100	5	100	5	100
<i>In house</i> PCR assay (n = 2)	2	100	2	100	2	100	2	100
Other commercial tests (n = 1)	1	100	1	100	1	100	1	100

Comments:

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