

PCR-/NAT *Chlamydia trachomatis*
(RV 531) November 2024



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

Proben Nr.	Erwartet / expected		Probenzusammensetzung / Sample composition
531A 241015 01	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁵ IFU/mL)
531A 241015 02	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
531A 241015 03	∅	62	<i>Escherichia coli</i> K12
531A 241015 04	+++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁵ IFU/mL)

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

n = 27	Proben Nr. (Sample no.)				Inhibition				
	01	02	03	04	01	02	03	04	
Befund <i>Result</i>									
Positiv	27	27	1	27	n.d.	1	1	1	1
Negativ	0	0	26	0	nein no	26	26	26	26
Fraglich <i>Questionable</i>	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.

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>	%
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= 2)	2	100	2	100	2	100	2	100
Cepheid Xpert CT (n= 2)	2	100	2	100	2	100	2	100
GeneProof C. trachomatis (n= 2)	2	100	2	100	2	100	2	100
GeneProof CT/NG/MG Multiplex (n= 1)	1	100	1	100	1	100	1	100
Qiagen NeuMoDx CT/NG (n= 1)	1	100	1	100	1	100	1	100
Roche Cobas 4800 CT (n= 2)	2	100	2	100	2	100	2	100

Roche Cobas 5800, 6800, 8800 CT (n= 1)	1	100	1	100	1	100	1	100
Seegene Allplex CT/NG/MG/TV (n= 2)	2	100	2	100	2	100	1	50
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
Aprimeo/BOSCH Vivalytic STI (n= 1)	1	100	1	100	1	100	1	100
Other commercial tests (n= 2)	2	100	2	100	2	100	2	100

The following tests are listed under "Other commercial tests": AID RDB 2335 STI (1x) and Sansure Biotech CT Diagnostic Kit (1x).