

PCR-/NAT *Chlamydia trachomatis* (RV 531) Mai 2025



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Proben Nr.	Erwartet / expected		Probenzusammensetzung / Sample composition
531A 250520 01	Ø	62	<i>Escherichia coli</i> K12
531A 250520 02	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁴ IFU/mL)
531A 250520 03	+++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁵ IFU/mL)
531A 250520 04	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 30	Proben Nr. (Sample no.)				Inhibition			
Befund Result	01	02	03	04	01	02	03	04
Positiv	0	30	30	30	n.d.	1	1	1
Negativ	30	0	0	0	nein no	29	29	29
Fraglich Questionable	0	0	0	0	ja yes	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 True positive results						NAT richtig negativ	
	02		03		04		01	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
AID RDB 2110 STD (n = 1)	1	100	1	100	1	100	1	100
BD ProbeTec (n = 1)	1	100	1	100	1	100	1	100
Bruker-HAIN FluoroType CT (n = 4)	4	100	4	100	4	100	4	100
Cepheid Xpert CT/NG (n = 1)	1	100	1	100	1	100	1	100
GeneProof C. trachomatis (n = 7)	7	100	7	100	7	100	7	100
GeneProof CT/NG/MG Multiplex (n = 2)	2	100	2	100	2	100	2	100
Qiagen NeuMoDx CT/NG (n = 1)	1	100	1	100	1	100	1	100
Roche cobas 4800 CT (n = 1)	1	100	1	100	1	100	1	100

Roche cobas 5800, 6800, 8800 CT (n = 2)	2	100	2	100	2	100	2	100
Sacace C. trachomatis Real TM (n = 1)	1	100	1	100	1	100	1	100
Seegene Allplex CT/NG/MG/TV (n = 2)	2	100	2	100	2	100	2	100
Seegene Allplex STI Essential (n = 2)	2	100	2	100	2	100	2	100
TIB Molbiol LightMix CT (n = 2)	2	100	2	100	2	100	2	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": Sansure Biotech CT Diagnostic Kit (1x) and Clonit C. trachomatis (1x).