

PCR-/NAT *Chlamydia trachomatis*
(RV 531) Nov 2020



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2025311	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
2025312	+	61	<i>Chlamydia trachomatis</i> (~ 5x10 ³ IFU/mL)
2025313	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
2025314	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 51</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	2025311	2025312	2025313	2025314	2025311	2025312	2025313	2025314	
Befund <i>Result</i>									
Positiv	51	51	51	0	n.d.	0	0	0	0
Negativ	0	0	0	51	nein <i>no</i>	51	51	51	51
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	
	2025311		2025312		2025313		2025314	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
BD MAX CT (n = 3)	3	100	3	100	3	100	3	100
BD ProbeTec (n = 4)	4	100	4	100	4	100	4	100
HAIN FluoroType CT (n = 9)	9	100	9	100	9	100	9	100
Cepheid Xpert CT (n = 4)	4	100	4	100	4	100	4	100
GeneProof C.trachomatis (n = 4)	4	100	4	100	4	100	4	100
LightMix CT (n = 6)	6	100	6	100	6	100	6	100
Other commercial tests (n = 15)	15	100	15	100	15	100	15	100
<i>In house</i> PCR assay (n = 7)	7	100	7	100	7	100	7	100