

PCR-/NAT *Chlamydia trachomatis*
(RV 531) Mai 2021



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2115311	∅	62	<i>Escherichia coli</i> K12
2115312	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁴ IFU/mL)
2115313	+++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
2115314	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁴ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 56</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	2115311	2115312	2115313	2115314	2115311	2115312	2115313	2115314	
Befund <i>Result</i>									
Positiv	0	56	56	56	n.d.	1	1	1	1
Negativ	56	0	0	0	nein <i>no</i>	55	55	55	55
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	
	2115312		2115313		2115314		2115311	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
BD MAX CT (n = 4)	4	100	4	100	4	100	4	100
HAIN FluoroType CT (n = 8)	8	100	8	100	8	100	8	100
Cepheid Xpert CT (n = 4)	4	100	4	100	4	100	4	100
GeneProof <i>C. trachomatis</i> (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 = 24)	24	100	24	100	24	100	24	100
<i>In house</i> PCR assay (n = 6)	6	100	6	100	6	100	6	100