

PCR-/NAT *Chlamydia trachomatis*
(RV 531) Mai / Juni 2018



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1815311	+++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁴ IFU/mL)
1815312	++++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁵ IFU/mL)
1815313	∅	62	<i>Escherichia coli</i> K12
1815314	++++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ⁵ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 83</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1815311	1815312	1815313	1815314		1815311	1815312	1815313	1815314
<i>Befund Result</i>									
Positiv	83	81	6	82	n.d.	0	0	0	0
Negativ	0	2	77	1	nein no	83	83	83	83
Fraglich Questionable	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 <i>True negative results</i>		
	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%
Hain FluoroType CT [20] (n = 13)	39	39 / 39	100	13	13 / 13	100
TIB Molbiol LightMix CT [21] (n = 4)	12	12 / 12	100	4	4 / 4	100
Roche COBAS CT [22] (n = 13)	39	39 / 39	100	12	12 / 13	92
Cepheid Xpert CT/NG [23] (n = 6)	18	18 / 18	100	6	6 / 6	100
BD ProbeTec [24] (n = 7)	19	19 / 21	90	5	5 / 7	71
Artus CT [25] (n = 1)	3	3 / 3	100	1	1 / 1	100
Abbott CT/NG [26] (n = 3)	9	9 / 9	100	3	3 / 3	100
Other commercial tests [27] (n = 22)	65	65 / 66	98	19	19 / 22	86
<i>In house</i> PCR assay [28] (n = 14)	42	42 / 42	100	14	14 / 14	100