

PCR-/NAT *Chlamydia trachomatis* (RV 531) Mai 2015



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1515311	∅	62	<i>Escherichia coli</i> K12
1515312	++	61	<i>Chlamydia trachomatis</i> (~ 1x10 ⁴ IFU/mL)
1515313	∅	62	<i>Escherichia coli</i> K12
1515314	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 121	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1515311	1515312	1515313	1515314		1515311	1515312	1515313	1515314
Befund <i>Result</i>									
Positiv	0	120	4	119	n.d.	0	0	0	0
Negativ	121	0	117	2	nein <i>no</i>	121	121	121	121
Fraglich <i>Questionable</i>	0	1	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 <i>True negative results</i>		
	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%
Hain GenoQuick CT [20] (n = 14)	28	28 / 28	100	27	27 / 28	96
TIB Molbiol LightMix CT [21] (n = 4)	8	8 / 8	100	8	8 / 8	100
Roche COBAS CT [22] (n = 28)	56	56 / 56	100	55	55 / 56	98
Cepheid Xpert CT/NG [23] (n = 3)	6	6 / 6	100	6	6 / 6	100
BD ProbeTec [24] (n = 14)	28	28 / 28	100	27	27 / 28	96
Artus CT [25] (n = 12)	23	23 / 24	96	23	23 / 24	96
Abbott CT/NG [26] (n = 3)	6	6 / 6	100	6	6 / 6	100
Other commercial tests [27] (n = 28)	56	56 / 56	100	56	56 / 56	100
<i>In house</i> PCR assay [28] (n = 12)	24	24 / 24	100	24	24 / 24	100
Andere / k.A. / <i>other</i> [29] (n = 4)	6	6 / 7 §	86	8	8 / 8	100

* Durch Mehrfachnennung oder fehlende Angabe kann die absolute Zahl der Ergebnisse (Tab. 2) von der Anzahl der Teilnehmer abweichen.
Due to reporting results of multiple assay systems or missing specifications, the effective numbers are not correlating with the number of participants

§ Due to reporting questionable results, the number of true results (denominator in the „relative“ column) has been reduced.