

PCR-/NAT *Chlamydia trachomatis* (RV 531) Mai 2012



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.
Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1215311	∅	62	<i>Escherichia coli</i> K12
1215312	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)
1215313	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)
1215314	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.
Absolute numbers of reported individual results.

<i>n = 131</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1215311	1215312	1215313	1215314		1215311	1215312	1215313	1215314
Befund <i>Result</i>									
Positiv	4	128 ¹⁾	127	2	n.d.	2	2	2	2
Negativ	126	3	4	129	nein <i>no</i>	128	129	129	129
Fraglich <i>Questionable</i>	1	0	0	0	ja <i>yes</i>	1	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 <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>	%
GenoQuick CT (Hain) [20] (n = 23)	46	46 / 46	100	45	45 / 46	98
LightMix CT [21] (n = 2)	3	3 / 4	75	4	4 / 4	100
Roche COBAS TaqMan [22] (n = 36)	70	70 / 72	97	70	70 / 72	97
COBAS Amplicor [23] (n = 4)	8	8 / 8	100	8	8 / 8	100
BD ProbeTec [24] (n = 18)	35	35 / 36	97	36	36 / 36	100
Artus CT [25] (n = 7)	14	14 / 14	100	14	14 / 14	100
Abbott CT/NG [26] (n = 4)	8	8 / 8	100	8	8 / 8	100
Other commercial tests [27] (n = 19)	36	36 / 38	95	36	36 / 37 [§]	97
In house PCR assay [28] (n = 17)	33	33 / 34	97	32	32 / 34	94
Andere / k.A. / other [29] (n = 2)	4	4 / 4	100	4	4 / 4	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) have been reduced.