

PCR-/NAT *Chlamydia trachomatis* (RV 531) Mai 2013



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1315311	∅	62	<i>Escherichia coli</i> K12
1315312	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ³ IFU/mL)
1315313	∅	62	<i>Escherichia coli</i> K12
1315314	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)

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

<i>n = 115</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	1315311	1315312	1315313	1315314	1315311	1315312	1315313	1315314	
Befund <i>Result</i>									
Positiv	2	115	1	113	n.d.	2	2	2	2
Negativ	112	0	112	2	nein <i>no</i>	112	113	112	113
Fraglich <i>Questionable</i>	1	0	2	0	ja <i>yes</i>	1	0	1	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 = 20)	38	38 / 40	95	36	36 / 39 [§]	92
TIB Molbiol LightMix CT [21] (n = 3)	6	6 / 6	100	6	6 / 6	100
Roche COBAS CT [22] (n = 32)	64	64 / 64	100	64	64 / 64	100
Cepheid Xpert CT/NG [23] (n = 3)	6	6 / 6	100	4	4 / 4 [§]	100
BD ProbeTec [24] (n = 14)	28	28 / 28	100	28	28 / 28	100
Artus CT [25] (n = 10)	20	20 / 20	100	20	20 / 20	100
Abbott CT/NG [26] (n = 4)	8	8 / 8	100	8	8 / 8	100
Other commercial tests [27] (n = 15)	30	30 / 30	100	30	30 / 30	100
<i>In house</i> PCR assay [28] (n = 13)	26	26 / 26	100	26	26 / 26	100
Andere / k.A. / other [29] (n = 1)	2	2 / 2	100	2	2 / 2	100

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

