

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



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1225311	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)
1225312	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)
1225313	∅	62	<i>Escherichia coli</i> K12
1225314	∅	62	<i>Escherichia coli</i> K12

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

<i>n = 108</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	1225311	1225312	1225313	1225314	1225311	1225312	1225313	1225314	
Positiv	108	105	1	0	n.d.	0	0	0	0
Negativ	0	3	107	108	nein no	108	108	108	108
Fraglich Questionable	0	0	0	0	ja yes	0	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 = 20)	39	39 / 40	98	39	39 / 40	98
LightMix CT [21] (n = 1)	1	1 / 2	50	2	2 / 2	100
Roche COBAS TaqMan [22] (n = 27)	54	54 / 54	100	54	54 / 54	100
COBAS Amplicor [23] (n = 2)	4	4 / 4	100	4	4 / 4	100
BD ProbeTec [24] (n = 13)	25	25 / 26	96	26	26 / 26	100
Artus CT [25] (n = 10)	20	20 / 20	100	20	20 / 20	100
Abbott CT/NG [26] (n = 6)	12	12 / 12	100	12	12 / 12	100
Other commercial tests [27] (n = 14)	28	28 / 28	100	28	28 / 28	100
In house PCR assay [28] (n = 11)	22	22 / 22	100	22	22 / 22	100
Andere / k.A. / other [29] (n = 4)	8	8 / 8	100	8	8 / 8	100