

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



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1325311	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)
1325312	∅	62	<i>Escherichia coli</i> K12
1325313	+	61	<i>Chlamydia trachomatis</i> (~ 1x10 ³ IFU/mL)
1325314	++	61	<i>Chlamydia trachomatis</i> (~ 5x10 ³ IFU/mL)

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

<i>n = 102</i>	Probennummer (Sample no.)				Inhibition				
Befund Result	1325311	1325312	1325313	1325314	1325311	1325312	1325313	1325314	
Positiv	100	3	95	110	n.d.	0	0	0	0
Negativ	2	98	6	2	nein no	102	102	102	102
Fraglich Questionable	0	1	1	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 GenoQuick CT [20] (n = 17)	48	48 / 51	94	14	14 / 17	82
TIB Molbiol LightMix CT [21] (n = 1)	2	2 / 3	67	1	1 / 1	100
Roche COBAS CT [22] (n = 26)	76	76 / 78	97	26	26 / 26	100
Cepheid Xpert CT/NG [23] (n = 5)	15	15 / 15	100	5	5 / 5	100
BD ProbeTec [24] (n = 13)	38	38 / 39	97	13	13 / 13	100
Artus CT [25] (n = 11)	33	33 / 33	100	11	11 / 11	100
Abbott CT/NG [26] (n = 4)	10	10 / 12	83	4	4 / 4	100
Other commercial tests [27] (n = 14)	42	42 / 42	100	14	14 / 14	100
<i>In house</i> PCR assay [28] (n = 10)	28	28 / 29 §	97	9	9 / 9 §	100
Andere / k.A. / other [29] (n = 1)	3	3 / 3	100	1	1 / 1	100

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