PCR-/NAT *Chlamydia trachomatis* (RV 531) November 2019

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

	Erwartet / expected		**Probenzusammensetzung** / *Sample composition*
1925311	**+++**	**61**	***Chlamydia trachomatis* (~ 5x10^5 IFU/mL)**
1925312	**Ø**	**62**	***Escherichia coli* K12**
1925313	**+++**	**61**	***Chlamydia trachomatis* (~ 5x10^5 IFU/mL)**
1925314	**Ø**	**62**	***Escherichia coli* K12**

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

n = 65	**Probennummer** (Sample no.)			
Befund *Result*	1925311	1925312	1925313	1925314
Positiv	65	1	65	1
Negativ	0	64	0	64
Fraglich *Questionable*	0	0	0	0

	Inhibition			
	1925311	1925312	1925313	1925314
n.d.	1	1	1	1
nein *no*	64	64	64	64
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** *True positive results*				**NAT richtig negativ** *True negative results*			
	1925311		**1925313**		**1925312**		**1925314**	
	Absolut *Absolute*	**%**	**Absolut** *Absolute*	**%**	**Absolut** *Absolute*	**%**	**Absolut** *Absolute*	**%**
Hain CT [20] (n = 12)	12	100	12	100	12	100	12	100
TIB Molbiol LightMix CT [21] (n =7)	7	100	7	100	7	100	7	100
Roche COBAS CT [22] (n = 4)	4	100	4	100	4	100	4	100
Cepheid Xpert CT [23] (n = 5)	5	100	5	100	5	100	5	100
BD ProbeTec [24] (n = 9)	9	100	9	100	9	100	9	100
Artus CT [25] (n = 1)	1	100	1	100	1	100	1	100
Abbott CT [26] (n = 1)	1	100	1	100	1	100	1	100
Other commercial tests [27] (n =14)	14	100	14	100	13	93	13	93
***In house* PCR assay [28] (n = 12)**	12	100	12	100	12	100	12	100