

**PCR-/NAT *Coxiella burnetii*
 (RV 542) November 2011**



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

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1125421	++	61	<i>Coxiella burnetii</i> (~ 1x10 ⁴ genome copies/mL)
1125422	∅	62	<i>Escherichia coli</i> K12
1125423	++	61	<i>Coxiella burnetii</i> (~ 1x10 ⁴ genome copies/mL)
1125424	(+)	61	<i>Coxiella burnetii</i> (~ 1x10 ² genome copies/mL)

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

<i>n = 15</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
	1125421	1125422	1125423	1125424	1125421	1125422	1125423	1125424	
Befund <i>Result</i>									
Positiv	15	0	15	14	n.d.	0	0	0	0
Negativ	0	15	0	0	nein <i>no</i>	15	15	15	15
Fraglich <i>Questionable</i>	0	0	0	1	ja <i>yes</i>	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>	%
LightMix <i>C. burnetii</i> [20] (n =1)	3	3 / 3	100	1	1 / 1	100
In house PCR assay [28] (n = 14)	41	41 / 41 §	100	14	14 / 14	100

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