

**PCR-/NAT VRE
 (RV 546) November 2017**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1725461	∅	62	<i>Escherichia coli</i> K12
1725462	+	61 / 71	<i>Enterococcus faecium</i> vanA (~ 5x10 ³ CFU/mL)
1725463	+++	61 / 72	<i>Enterococcus faecium</i> vanB (~ 5x10 ⁵ CFU/mL)
1725464	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 38</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>					
<i>Befund Result</i>	1725461	1725462	1725463	1725464	1725461	1725462	1725463	1725464		
Positiv	1	37 ¹⁾	37 ¹⁾	0	n.d.	0	0	0	0	
Negativ	37	1	0	38	nein no	38	38	38	38	
Fraglich Questionable	0	0	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>	%
Cepheid Xpert vanA / vanB [20] (n=14)	27	27 / 27 §	100	28	28 / 28	100
Commercial assay / kit [27] (n =15)	29	29 / 30	97	30	30 / 30	100
In house PCR assay [28] (n = 10)	20	20 / 20	100	19	19 / 20	95

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

* Durch Mehrfachnennung oder fehlende Angabe kann die absolute Zahl der Ergebnisse (Tab. 2) von der Anzahl der Teilnehmer abweichen.
 Due to reporting results of multiple assay systems or missing specifications, the effective numbers are not correlating with the number of participants.

Comments: ¹⁾ All participants reported dedicated vanA / vanB identification. All reported results were correct.