

**PCR-/NAT VRE
 (RV 546) Mai / Juni 2019**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1915461	+++	61 / 71	<i>Enterococcus faecalis</i> vanA (~ 1x10 ⁵ CFU/mL)
1915462	+++	61 / 72	<i>Enterococcus faecium</i> vanB (~ 1x10 ⁵ CFU/mL)
1915463	+++	61 / 71, 73	<i>E. gallinarum</i> vanA + vanC (~ 1x10 ⁵ CFU/mL)
1915464	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 59</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	1915461	1915462	1915463	1915464	1915461	1915462	1915463	1915464	
Positiv	58 ¹⁾	58 ¹⁾	59 ¹⁾	0	n.d.	0	0	0	0
Negativ	1	1	0	59	nein no	59	59	59	59
Fraglich Questionable	0	0	0	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 = 28)	84	84 / 84	100	28	28 / 28	100
BD GeneOhm VanR [21] (n = 1)	3	3 / 3	100	1	1 / 1	100
Hain GT Enterococcus CT [22] (n = 9)	27	27 / 27	100	9	9 / 9	100
Commercial assay / kit [27] (n = 9)	27	27 / 27	100	9	9 / 9	100
<i>In house</i> PCR assay [28] (n = 13)	38	38 / 39	97	13	13 / 13	100
<i>Andere / k.A. / other</i> [29] (n = 1)	2	2 / 3	67	1	1 / 1	100

* Durch Mehrfachnennung oder fehlende Angabe kann die absolute Zahl der Ergebnisse (Tab. 4) 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⁾ Sixty-six participants reported dedicated vanA / vanB identification. All reported results were correct.