

**PCR-/NAT VRE  
 (RV 546) Mai 2021**



**Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.**

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2115461	++	61 / 71	<i>Enterococcus faecalis</i> <b>vanA</b> (~ 1x10 <sup>4</sup> CFU/mL)
2115462	++	61 / 72	<i>Enterococcus faecium</i> <b>vanB</b> (~ 5x10 <sup>4</sup> CFU/mL)
2115463	∅	62	<i>Escherichia coli</i> K12
2115464	++	61 / 71	<i>Enterococcus avium</i> <b>vanA</b> (~ 5x10 <sup>4</sup> CFU/mL)

**Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.**

*Absolute numbers of reported individual results.*

<i>n = 72</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	2115461	2115462	2115463	2115464	2115461	2115462	2115463	2115464	
<b>Positiv</b>	70 <sup>1)</sup>	68 <sup>1)</sup>	1	66 <sup>1)</sup>	n.d.	1	1	1	1
<b>Negativ</b>	2	4	71	4	nein no	71	71	71	71
<b>Fraglich Questionable</b>	0	0	0	2	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.*

<b>NAT-Methode</b> [Code] (total number *)	<b>NAT richtig positiv</b> <i>True positive results</i>						<b>NAT richtig negativ</b>	
	2115461		2115462		2115464		2115463	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
HAIN GenoType Enterococcus (n = 10)	10	100	9	90	5	50	9	90
Cepheid Xpert vanA / vanB (n = 29)	29	100	29	100	29	100	29	100
Seegene Allplex Entero-DR (n = 4)	4	100	4	100	4	100	4	100
TIB Molbiol LightMix Kit (n = 2)	2	100	2	100	2	100	2	100
Other commercial tests (n = 9)	9	100	7	78	9	100	9	100
<i>In house</i> PCR assay (n = 18)	16	89	17	94	17	94	18	100

**Comments:** <sup>1)</sup> Seventy-one participants reported dedicated vanA / vanB identification. With the exception of 6 laboratories, all reported results were correct.