

**PCR-/NAT VRE
 (RV 546) Mai 2020**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
2015461	++	61 / 72	<i>Enterococcus faecium vanB</i> (~ 5x10 ⁴ CFU/mL)
2015462	Ø	62	<i>Escherichia coli</i> K12
2015463	Ø	62	<i>E. faecalis</i> (~ 1x10 ⁵ CFU/mL)
2015464	++	61 / 71	<i>Enterococcus faecium vanA</i> (~ 1x10 ⁴ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 68</i>	<i>Probennummer (Sample no.)</i>				<i>Inhibition</i>				
<i>Befund Result</i>	2015461	2015462	2015463	2015464	2015461	2015462	2015463	2015464	
Positiv	65 ¹⁾	1	3	68 ¹⁾	n.d.	1	1	1	1
Negativ	3	67	65	0	nein no	67	67	67	67
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>			
	2015461		2015464		2015462		2015463	
	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%	Absolut <i>Absolute</i>	%
Cepheid Xpert vanA / vanB (n = 27)	26	96	27	100	26	96	27	100
HAIN GenoType Enterococcus (n = 9)	8	89	9	100	9	100	8	89
Seegene Allplex Entero-DR (n = 3)	3	100	3	100	3	100	3	100
Other commercial tests (n = 9)	9	100	9	100	9	100	9	100
<i>In house</i> PCR assay (n = 20)	19	95	20	100	20	100	18	90

Comments: ¹⁾ Sixty-five participants reported dedicated vanA / vanB identification. With the exception of 1 laboratory, all reported results were correct.