

**PCR-/NAT VRE
 (RV 546) Mai 2016**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1615461	+++	61 / 72	<i>Enterococcus faecium vanB</i> (~ 1x10 ⁵ CFU/mL)
1615462	++	61 / 71	<i>Enterococcus faecium vanA</i> (~ 1x10 ⁴ CFU/mL)
1615463	Ø	62	<i>Escherichia coli</i> K12
1615464	+++	61 / 71	<i>Enterococcus faecium vanA</i> (~ 1x10 ⁵ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 41</i>	Probennummer (Sample no.)				Inhibition				
	1615461	1615462	1615463	1615464	1615461	1615462	1615463	1615464	
Befund <i>Result</i>									
Positiv	41 ¹⁾	36 ¹⁾	2	40 ¹⁾	n.d.	1	1	1	1
Negativ	0	5	39	1	nein <i>no</i>	40	40	40	40
Fraglich <i>Questionable</i>	0	0	0	0	ja <i>yes</i>	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=11)	33	33 / 33	100	10	10 / 11	91
BD GeneOhm VanR [21] (n=1)	3	3 / 3	100	1	1 / 1	100
Commercial assay / kit [27] (n =16)	47	47 / 48	98	15	15 / 16	94
<i>In house</i> PCR assay [28] (n = 13)	34	34 / 39	87	20	20 / 13	100
Andere / k.A. / other [29] (n = 2)	6	6 / 6	100	2	2 / 2	100

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