

**PCR-/NAT VRE**  
**(RV 546) November 2015**



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

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1525461	∅	62	<i>Enterococcus faecalis</i> (~ 1x10 <sup>5</sup> CFU/mL)
1525462	+++	61 / 72	<i>Enterococcus faecium</i> vanB (~ 1x10 <sup>5</sup> CFU/mL)
1525463	+++	61 / 71	<i>Enterococcus faecium</i> vanA (~ 1x10 <sup>5</sup> CFU/mL)
1525464	∅	62	<i>Escherichia coli</i> K12

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

*Absolute numbers of reported individual results.*

<i>n = 31</i>	<i>Probennummer (Sample no.)</i>					<i>Inhibition</i>			
	1525461	1525462	1525463	1525464		1525461	1525462	1525463	1525464
<b>Befund</b> <i>Result</i>									
<b>Positiv</b>	0	30	31 <sup>1)</sup>	0	n.d.	0	0	0	0
<b>Negativ</b>	31	1	0	31	nein <i>no</i>	31	31	31	31
<b>Fraglich</b> <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 Anwenden 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> <i>True negative results</i>		
	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>	<b>Absolut</b> <i>Absolute</i>	<b>Relativ</b> <i>Relative</i>	<b>%</b>
Cepheid Xpert vanA / vanB [20] (n=8)	16	16 / 16	100	16	16 / 16	100
BD GeneOhm VanR [21] (n=1)	2	2 / 2	100	2	2 / 2	100
Commercial assay / kit [27] (n=15)	29	29 / 30	97	30	30 / 30	100
<i>In house</i> PCR assay [28] (n = 10)	20	20 / 20	100	20	20 / 20	100

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