

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



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

*Sample composition and expected results.*

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1515461	+++	61 / 71	<i>Enterococcus faecalis vanA (~ 1x10<sup>5</sup> CFU/mL)</i>
1515462	∅	62	<i>Escherichia coli K12</i>
1515463	+++	61 / 72	<i>Enterococcus faecium vanB (~ 1x10<sup>5</sup> CFU/mL)</i>
1515464	∅	62	<i>Enterococcus faecalis (~ 1x10<sup>4</sup> CFU/mL)</i>

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

*Absolute numbers of reported individual results.*

<i>n = 30</i>	<b>Probennummer (Sample no.)</b>					<b>Inhibition</b>			
	1515461	1515462	1515463	1515464		1515461	1515462	1515463	1515464
<b>Befund</b> <i>Result</i>									
<b>Positiv</b>	30 <sup>1)</sup>	1	29 <sup>1)</sup>	1	n.d.	0	0	0	0
<b>Negativ</b>	0	29	1	29	nein <i>no</i>	30	30	30	30
<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=5)	10	10 / 10	100	10	10 / 10	100
Commercial assay / kit [27] (n =10)	20	20 / 20	100	20	20 / 20	100
In house PCR assay [28] (n = 13)	25	25 / 26	96	25	25 / 26	96
Andere / k.A. / other [29] (n = 2)	4	4 / 4	100	3	3 / 4	100

**Comments:** <sup>1)</sup> 29 participants reported dedicated vanA / vanB identification. All reported results were correct.