

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



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1625461	+++	61 / 71	<i>E. gallinarum</i> vanA und vanC (~ 1x10 ⁵ CFU/mL)
1625462	∅	62	<i>Escherichia coli</i> K12
1625463	+++	61 / 71	<i>Enterococcus faecium</i> vanA (~ 1x10 ⁵ CFU/mL)
1625464	∅	62	<i>Enterococcus faecium</i> (~ 1x10 ⁴ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 39</i>	Probennummer (Sample no.)					Inhibition			
	1625461	1625462	1625463	1625464		1625461	1625462	1625463	1625464
Befund <i>Result</i>									
Positiv	37 ¹⁾	0	39 ¹⁾	0	n.d.	2	2	2	2
Negativ	1	39	0	39	nein <i>no</i>	37	37	37	37
Fraglich <i>Questionable</i>	1	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.

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)	22	22 / 22	100	22	22 / 22	100
BD GeneOhm VanR [21] (n=1)	2	2 / 2	100	2	2 / 2	100
Commercial assay / kit [27] (n =14)	28	28 / 28	100	28	28 / 28	100
<i>In house</i> PCR assay [28] (n = 13)	24	24 / 25 [§]	96	26	26 / 26	100

[§] Due to reporting questionable results, the number of true results (denominator in the „relative“ column) has been reduced.

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