

**PCR-/NAT VRE
 (RV 546) Juni 2017**



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

	<i>Erwartet / expected</i>		<i>Probenzusammensetzung / Sample composition</i>
1715461	++	61 / 71	<i>Enterococcus faecalis</i> vanA (~ 1x10 ⁵ CFU/mL)
1715462	+++	61 / 72	<i>Enterococcus faecium</i> vanB (~ 1x10 ⁵ CFU/mL)
1715463	+++	62 / 71	<i>E. avium</i> vanA (~ 1x10 ⁵ CFU/mL)
1715464	∅	62	<i>Escherichia coli</i> K12

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n = 50</i>	Probennummer (Sample no.)				Inhibition				
Befund Result	1715461	1715462	1715463	1715464	1715461	1715462	1715463	1715464	
Positiv	48 ¹⁾	47 ¹⁾	43 ¹⁾	0	n.d.	1	1	1	1
Negativ	2	3	7	50	nein no	49	49	49	49
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>		
	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%	Absolut <i>Absolute</i>	Relativ <i>Relative</i>	%
Cepheid Xpert vanA / vanB [20] (n=15)	44	44 / 45	98	15	15 / 15	100
Commercial assay / kit [27] (n =20)	57	57 / 60	95	20	20 / 20	100
In house PCR assay [28] (n = 14)	37	37 / 42	88	14	14 / 14	100
Andere / k.A. / other [29] (n = 1)	0	0 / 3	0	1	1 / 1	100

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