

PCR-/NAT VRE (RV 546) Mai 2026



Tabelle 1: Probenzusammensetzung und erwartetes Ergebnis.

Sample composition and expected results.

Proben Nr.	Erwartet / expected	Probenzusammensetzung / Sample composition
546 260519 01	++	61 / 71 <i>Enterococcus faecalis</i> vanA (~ 1x10 ⁵ CFU/mL)
546 260519 02	Ø	62 <i>Enterococcus faecalis</i> (~ 1x10 ⁵ CFU/mL)
546 260519 03	Ø	62 <i>Enterococcus faecium</i> (~ 1x10 ⁵ CFU/mL)
546 260519 04	+++	61 / 71, 72 <i>E. faecium</i> vanA + vanB (~ 5x10 ⁵ CFU/mL)

Tabelle 2: Häufigkeit der Mitteilung verschiedener Befunde.

Absolute numbers of reported individual results.

<i>n</i> = 71		Proben Nr. (Sample no.)				Inhibition				
Befund Result		01	02	03	04		01	02	03	04
Positiv	71 ¹⁾	1	0	71 ¹⁾		n.d.	1	1	1	1
Negativ	0	70	71	0		nein no	70	70	70	70
Fraglich Questionable	0	0	0	0		ja yes	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 True positive results				NAT richtig negativ True negative results			
	01		04		02		03	
	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%	Absolut Absolute	%
Amplex eazypex VRE (n = 5)	5	100	5	100	5	100	5	100
Amplex eazypex VREbasic (n = 5)	5	100	5	100	5	100	5	100
AmpliGnost Vancomycin A/B (n = 3)	3	100	3	100	3	100	3	100
BioGX for BD MAX Vancomycin resist. (n = 2)	2	100	2	100	1	50	2	100
Cepheid Xpert vanA / vanB (n = 25)	25	100	25	100	25	100	25	100
ampliCube MDR Panel 6 (n = 3)	3	100	3	100	3	100	3	100
Roche UC-TIB-VRE (n = 1)	1	100	1	100	1	100	1	100

Seegene Allplex Entero-DR (n = 10)	10	100	10	100	10	100	10	100
TIB Molbiol LightMix Kits (n = 3)	3	100	3	100	3	100	3	100
<i>In house</i> PCR assay (n = 12)	12	100	12	100	12	100	12	100
Other commercial tests (n = 2)	2	100	2	100	2	100	2	100

Comments:

1. Sixty-nine participants reported dedicated vanA / vanB identification. Except five laboratories, all reported results were correct.
2. The following tests are listed under "Other commercial tests": CerTest VIASURE Vancomycin resistance Kit for BD MAX (1x) and GeneProof VRE PCR Kit (1x).