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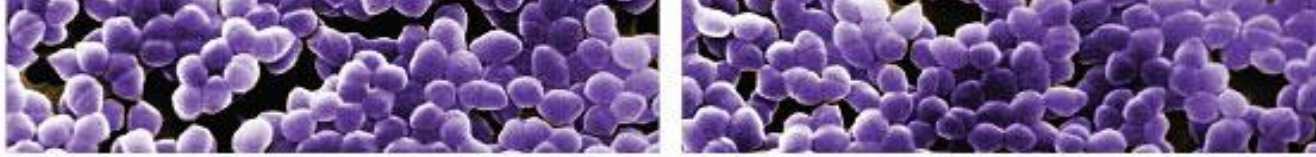

Vancomycin Resistant Enterococci Panel

ATCC Vancomycin Resistant Enterococci Panel (ATCC® MP-1™) is comprised of 15 Enterococcus strains[1] representing the *vanA*, *vanB* and *vanC* genotypes most commonly seen in clinical isolates, and four strains confirmed to lack any vancomycin resistance to serve as negative controls. This unique collection of vancomycin resistant Enterococci (VRE) is useful for building and testing new methods to detect VREs in clinical and environmental settings. The table shown below describes both molecular and antimicrobial susceptibility testing performed by ATCC. Isolation information for each strain has also been provided, if known.

ATCC® No.	*Enterococcus* species	Isolation	Geographic Region (Date of Isolation)	Gene	Vancomycin MIC[2]	Teicoplanin MIC
700221™	*Enterococcus faecium*	Human feces	Connecticut, USA	*vanA*	R	R
BAA-2316™	*Enterococcus faecium*	Human feces	(2010)	*vanA*	R	R
BAA-2317™	*Enterococcus faecium*	Human feces	(2010)	*vanA*	R	R
BAA-2318™	*Enterococcus faecium*	Human feces	(2010)	*vanA*	R	R
BAA-2319™	*Enterococcus faecium*	Human feces	(2010)	*vanA*	R	R
BAA-2320™	*Enterococcus faecium*	Human feces	(2010)	*vanA*	R	R
51299™	*Enterococcus faecalis*	Peritoneal fluid	Missouri, USA	*vanB*	R	S
51575™	*Enterococcus faecalis*	Unknown	--	*vanB*	R	S
51858™	*Enterococcus faecium*	Human blood	(1992)	*vanB*	R*	R
BAA-2365™	*Enterococcus faecalis*	Clinical isolate	(2011)	*vanB*	R	S
49608™	*Enterococcus gallinarum*	Unknown	--	*vanC-1*	I	S
49609™	*Enterococcus gallinarum*	Unknown	--	*vanC-1*	I	S
49610™	*Enterococcus gallinarum*	Chicken duodenum	--	*vanC-1*	I	S
700425™	*Enterococcus gallinarum*	Unknown	--	*vanC-1*	I	S
700668™	*Enterococcus casseliflavus*	Human blood	Illinois, USA	*vanC-2/3*	I	S
49532™	*Enterococcus faecalis*	Blood	Wisconsin, USA	None	S	S
49533™	*Enterococcus faecalis*	Blood	Wisconsin, USA	None	S	S
BAA-2127™	*Enterococcus faecium*	Piglet feces	Kansas, USA (2008)	None	S	S
BAA-2128™	*Enterococcus faecalis*	Piglet feces	Kansas, USA (2008)	None	S	S

[1]Each strain can be ordered individually with volume discounts available. [2]The acronyms chosen to describe the Vancomycin and Teicoplanin MIC values are R = resistant, I = intermediate and S = sensitive. *It is also important to note that ATCC 51858 is not only resistant to Vancomycin, but is also dependent on Vancomycin for growth.

The data above was generated by ATCC through testing of seed stock based on protocols described in: Patel R, Uhl J, et al. Multiplex PCR Detection of vanA, vanB, vanC-1, and vanC-2/3 Genes in Enterococci. J Clin. Microbiol. Vol. 35, No. 3: 703-707, March 1997, and antimicrobial susceptibility testing to determine MIC values of distribution stock. Breakpoints were assigned using CLSI's Performance Standards for Antimicrobial Susceptibility Testing, M100-S21, Vol. 31 No. 1.ATCC provides these data in good faith, but makes no warranty, express or implied, nor assumes any legal liability or responsibility for any purpose for which the data are used.

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