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Clostridium difficile Panel

ATCC *Clostridium difficile* Panel (ATCC® MP-4™) is comprised of 8 clinical isolates representing each one of the known *C. difficile* toxinotypes including types 0, IIIb, IIIc, (tcdA-, tcdB-), V, VIII, XII, and XXII. This unique collection is useful for building and testing new methods to detect *C. difficile*, the most common cause of nosocomial diarrhea worldwide.

ATCC® No.	***C. difficile*** Strain Designation	Toxinotype	Binary Toxin	EIA*	Ribotype	Geographic Isolation	Isolation Source (Date)
BAA-1804™	--	0	ND	+	053	Unknown	Clinical isolate
BAA-1870™	4118	IIIb	Y	+	027	Maine (USA)	Clinical isolate
BAA-1803™	--	IIIc	Y	+	027	Unknown	Clinical isolate
BAA-1801™	3232	*tcdA-, tcdB-*	ND	-	010	Belgium	Human feces - adult with diarrhea
BAA-1875™	5325	V	Y	+	078	Georgia (USA)	Clinical isolate
43598™	1470	VIII	ND	+	017	Belgium	Human feces - asymptomatic neonate
BAA-1812™	--	XII	ND	+	024	Unknown	Clinical isolate
BAA-1814™	--	XXII	Y	+	251	Unknown	Clinical isolate

*Enzyme Immuno Assay (EIA) performed with the Wampole™ C. DIFF QUIK CHEK COMPLETE® kit or the equivalent.
ND = Not Detected

The data above were generated by ATCC through testing of stock based on protocols described in: Rupnik M et. al. (1997) Characterization of polymorphisms in the toxin A and B genes of Clostridium difficile. FEMS Microbiol Lett **148**: 197–202.; and, Geric B et. al. (2004) Distribution of Clostridium difficile variant toxinotypes and strains with binary toxin genes among clinical isolates in an American hospital. J Med Microbiol **53**: 887-94. 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. The ATCC trademark and trade name, any and all ATCC catalog numbers, and any other trademarks listed are trademarks of the American Type Culture Collection unless indicated otherwise. ATCC products are intended for laboratory research only. They are not intended for use in humans, animals or diagnostics. Wampole™ and C. DIFF QUIK CHEK COMPLETE® are trademarks of TECHLAB®, Inc.

Image of *Clostridium difficile* colony courtesy of David Goulding, Wellcome Trust Sanger Institute.