

MICRO PANEL

BIG-SIX NON-TOXIGENIC *ESCHERICHIA COLI* STRAINS PANEL

The ATCC® Big-Six Non-Toxigenic *Escherichia coli* Strains Panel (ATCC® MP-20™) comprises six non-toxigenic strains representing each of the Big-Six non-O157 serogroups frequently associated with foodborne outbreaks, including O26, O45, O103, O111, O121, and O145. Each strain has been tested by ATCC for serotype and the presence/absence of the Shiga toxin (*stx1* and *stx2*) and intimin (*eaeA*) genes. The table below provides information for each strain available in the panel.

ATCC® No.	Strain Description	Strain Designation	Strain Serotype	Presence of Select Virulence Genes	Strain Isolation Location
29552™	<i>Escherichia coli</i>	CDC 3250-76**	O111a,111b:K58:H21	<i>stx1</i> -/ <i>stx2</i> -/ <i>eaeA</i> -	Feces of a human male infant; California
BAA-2190™	<i>Escherichia coli</i>	98-3306	O121	<i>stx1</i> -/ <i>stx2</i> -/ <i>eaeA</i> -	South Africa
BAA-2212™	<i>Escherichia coli</i>	2003-3055	O26:H4	<i>stx1</i> -/ <i>stx2</i> -/ <i>eaeA</i> -	Stool
BAA-2214™	<i>Escherichia coli</i>	2005-3342	O103	<i>stx1</i> -/ <i>stx2</i> -/ <i>eaeA</i> -	Stool
BAA-2216™	<i>Escherichia coli</i>	99-3071	O145:H34	<i>stx1</i> -/ <i>stx2</i> -/ <i>eaeA</i> +	Stool
BAA-2649™	<i>Escherichia coli</i>	04-3529	O45:H10	<i>stx1</i> -/ <i>stx2</i> -/ <i>eaeA</i> -	Stool

**Positive for the CVD432 and *aggR* genes, markers for Enteroaggregative *E. coli*

The data above was generated by ATCC through testing of seed stock. 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.

