



MICRO PANEL

NON-PATHOGENIC *ESCHERICHIA COLI* SURROGATE INDICATORS PANEL

The ATCC® Non-pathogenic *Escherichia coli* Surrogate Indicators Panel (ATCC® MP-26™) comprises 5 non-toxicogenic *E. coli* strains recommended by the [USDA Food Safety and Inspection Service](#) for safely measuring changes in microbial counts during validation studies performed in the food processing environment. Validation applications include beef carcass intervention, beef processing, and selected antimicrobial treatments for *E. coli* O157:H7 or *Salmonella enterica*. These strains are not marked with antibiotic resistance genes and have been confirmed by the *E. coli* Reference Center of Pennsylvania State University to [lack virulence factor genes](#). The table below provides information for each strain in the panel.

ATCC® No.	Species	Designation	O Type	H Type	Isolation Source	Biological Safety Level
BAA-1427™	<i>Escherichia coli</i>	P1	--	4	Cattle hides	1
BAA-1428™	<i>Escherichia coli</i>	P3	154	-	Cattle hides	1
BAA-1429™	<i>Escherichia coli</i>	P8	--	34	Cattle hides	1
BAA-1430™	<i>Escherichia coli</i>	P14	85	34	Cattle hides	1
BAA-1431™	<i>Escherichia coli</i>	P68	106	12	Cattle hides	1

The data above were generated by ATCC through the 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.

