



## Detection & Purification of *E. coli* O157 and Other STECs

*Escherichia coli* (*E. coli*) is a gram-negative anaerobe commonly found in the lower intestine of warm-blooded animals. Some *E. coli* serotypes cause food-borne illness that may result in product recalls. The USDA and EU have specific recommendations for the control and monitoring of *E. coli* in meats and other food products [i.e. EU Commission Regulation #209/2013, USDA MLG Chapter 5].

Whether your needs are food safety compliance, quality assurance or research, our *E. coli* antibodies, magnetic separation beads and test kits provide affordable solutions for a wide-range of applications to purify and detect *E. coli* O157 and other STECs (Shiga Toxin-Producing *E. coli*).

We serve the meat testing market with highly sensitive immuno-magnetic separation (IMS) beads and latex agglutination test (LAT) kits for the purification and detection of *E. coli* O157:H7, the “Big Six” non-O157 STECs, and *E. coli* O104:H4. Our products are written into the USDA FSIS Microbiological Testing Guidelines and the official method for meat testing in Brazil. We also offer affinity purified monoclonal and polyclonal antibodies with excellent specificity and sensitivity for *E. coli* O157:H7 and other STECs.

## Detection & Purification of E.coli O157 and Other STECs

### Products for Detection & Purification

Our immuno-magnetic separation (IMS) beads for purification of *E. coli* O157 and other STECs are sold in a 2 mL pack size. Latex agglutination kits for the detection of *E. coli* O157, other STECs are available as 50 test kits\*.

	IMS beads	LAT kits (50 tests)
Anti <i>E.coli</i> O26	543001	543000
Anti <i>E.coli</i> O45	543011	543010
Anti <i>E.coli</i> O103	543021	543020
Anti <i>E.coli</i> O111	543031	543030
Anti <i>E.coli</i> O121	543041	543040
Anti <i>E.coli</i> O145	543051	543050
Anti <i>E.coli</i> O157:H7	543071	543070/54307C(100T)
Anti <i>E.coli</i> O104:H4	543061	543060

\* Our latex agglutination test kit for *E. coli* O157:H7 is available in both a 50 and 100 test pack size.

### *E.coli* Antibodies

Our purified, lyophilized antibodies are useful for a variety of applications including Western blots, flow cytometry and immunofluorescence. Unconjugated monoclonal and polyclonal antibodies are available in 0.1 mg and 0.5 mg quantities while HRP and biotinylated antibodies are provided in a 0.1 mg pack size.

	Monoclonal unconjugated 0.1/0.5 mg	Monoclonal, HRP 0.1 mg	Monoclonal, Biotin 0.1 mg	Polyclonal, (rabbit) 0.1/0.5 mg
Anti <i>E.coli</i> O26	410000/410001	430003	430002	410006/410007
Anti <i>E.coli</i> O45	410010/410011	430013	430012	410016/410017
Anti <i>E.coli</i> O103	410020/410021	430023	430022	410026/410027
Anti <i>E.coli</i> O111	410030/410031	430033	430032	410036/410037
Anti <i>E.coli</i> O121	410040/410041	430043	430042	410046/410047
Anti <i>E.coli</i> O145	410050/410051	430053	430052	410056/410057
Anti <i>E.coli</i> O157:H7	410060/410001	430063	430062	410066/410067
Anti <i>E.coli</i> O104:H4	-	-	-	412030/412031
Anti <i>E.coli</i> O8	-	-	-	412000/412001
Anti <i>E.coli</i> O55	-	-	-	412010/412011
Anti <i>E.coli</i> O91	-	-	-	412020/412021
Anti <i>E.coli</i> O113	-	-	-	412040/412041
Anti <i>E.coli</i> O118	-	-	-	412050/412051
Anti <i>E.coli</i> 128	-	-	-	412060/412061
Anti <i>E.coli</i> 165	-	-	-	412070/412071

Contact us to place your order



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