

## Polyclonal Antibody to E. coli (O+K antigens) - FITC

<b>Alternate names:</b>	EHEC, EPEC, ETEC, Escherichia coli
<b>Catalog No.:</b>	BP2022F
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	4-5 mg/ml (OD280 nm, E 0.1% = 0 1.4)
<b>Host:</b>	Goat
<b>Immunogen:</b>	Mixture of E. coli serotypes
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction (>95% pure) <b>Buffer System:</b> 0.01 M PBS, pH 7.2 with 0.1% sodium azide as preservative and 10 mg/ml BSA as stabilizer. <b>Label:</b> FITC – High purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
<b>Applications:</b>	Indirect Immunofluorescence (titer >1:1,600) assay vs serotypes O157:H7, O20, O125, O55, O111 and K12. Direct Fluorescenceimmunoassay staining of target antigens in a permissive tissue culture system. Acetone fixation of the antigen source is recommended prior to staining. Enzyme amplification following reaction with FITC conjugate can also be accomplished utilizing enzyme-antibody conjugates specific to FITC. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Many "O" and "K" antigenic serotypes of Escherichia coli. Antiserum is not absorbed and does crossreact with other members of the Enterobacteriaceae.
<b>Storage:</b>	Store the antibody at 2-8°C under subdued light for one month or (in aliquots) at -20°C for longer. This product is photostsensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)