

BP2022F**Polyclonal Antibody to E. coli (O+K antigens) - FITC**

Alternate names:	EHEC, EPEC, ETEC, Escherichia coli
Quantity:	1 ml
Concentration:	4-5 mg/ml (OD280 nm, E 0.1% = 0.14)
Host:	Goat
Immunogen:	Mixture of E. coli serotypes
Format:	State: Liquid purified Ig fraction (>95% pure) Buffer System: 0.01 M PBS, pH 7.2 with 0.1% sodium azide as preservative and 10 mg/ml BSA as stabilizer. Label: FITC – High purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Applications:	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.
Specificity:	Many "O" and "K" antigenic serotypes of Escherichia coli. Antiserum is not absorbed and does crossreact with other members of the Enterobacteriaceae.
Storage:	Store the antibody at 2-8°C under subdued light for one month or (in aliquots) at -20°C for longer. This product is phototensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.