



Anti-E. coli type ag's Polyclonal antibody (DPAB0124)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Many "O" and "K" antigenic serotypes of Escherichia coli. Antiserum is not absorbed and does cross-react with related Enterobacteriaceae. Will remove E. coli proteins from recombinant preparations.
Target	E. coli type ag's
Immunogen	Mixture of E. coli serotypes
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	E. coli
Purification	Protein A chromatography purified IgG fraction coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and direct IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	4-5mg/ml (OD280nm, E0.1% = 1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 containing 10mg/ml BSA

Preservative	0.1% Sodium Azide
Storage	Short-term (up to 6 months) store at 2–8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	Escherichia coli (E. coli) are Gram negative enteric bacteria that live in the human gut. Its presence in nature is an indication of human fecal pollution. E. coli also causes human disease such as urinary tract infections and neonatal meningitis. Infection with particular enterotoxigenic strains can lead to life threatening intestinal diseases.
Keywords	Capsular antigen; Escherichia coli K; Escherichia coli O; K antigen; O antigen; Somatic antigen; Bacteria; Proteobacteria; Gammaproteobacteria; Enterobacteriales; Enterobacteriaceae; Escherichia; E. coli; Escherichia coli; Bacillus coli communis