

**Product:** *Anti-Escherichia coli pili antigen K88ab*

**Catalog #:** 13-2380

**Amount:** 100 µl

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**CATEGORY:** Sheep Polyclonal

**IMMUNOGEN:** Reference E. coli strain: HM 1706 was grown in Minca Agar in Roux flasks. Cells were harvested in phosphate buffer and the fimbriae were detached from the bacteria by heat shock. The fimbriae were further purified by centrifugation followed by ammonium sulfate precipitation. The minimal antigen titer was determined by indirect ELISA using monoclonal antibody specific for F41 (1M18)

**FORM:** Ig Fraction

**ASSAY SYSTEM:** Indirect ELISA:

96 well microtitre plates were coated with monoclonal antibody to F41. After washing and blocking, serial dilutions of antibody were added to wells in duplicate. Binding of the sample antibody was visualized using a donkey anti-sheep IgG-HRP conjugate and TMB as substrate. The reaction was stopped with 10% H<sub>2</sub>SO<sub>4</sub> and the absorbance read at 450nm. Readings were corrected against blank wells and the titre expressed as the maximum dilution give an OD reading of 1.0.

**CONCENTRATION:** 5 mg/ml

**STORAGE:** 2-8°C for immediate use, or at -20°C (aliquot)  
AVOID repeated freezing and thawing.

**RECOMMENDATION:** Centrifuge the vial (low speed) before use,  
to ensure the total recovery of entire volume

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