

Rat Epithelial Cell Adhesion Molecule, Ep-CAM ELISA Kit | Ep-CAM elisa kit

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CATALOG #
AAA43390

REACTIVITY
Rat

PRODUCT SYNONYMS

Epithelial Cell Adhesion Molecule; Ep-CAM; Rat Epithelial Cell Adhesion Molecule; Ep-CAM ELISA Kit; Ep-CAM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	314
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.018ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ep-CAM elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Epithelial Cell Adhesion Molecule (also known as Ep-CAM) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat Ep-CAM antibody. Ep-CAM present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat Ep-CAM Antibody is added and binds to Ep-CAM in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Ep-CAM antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat Ep-CAM. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15928632
NCBI GeneID	4072
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
Molecular Weight	34,932 Da
NCBI Official Full Name	Epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
NCBI Protein Information	epithelial cell adhesion molecule
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/epithelial-cell-adhesion-molecule-ep-cam/43390>