

Mouse Epithelial Cell Adhesion Molecule, Epcam ELISA Kit | Epcam elisa kit

Mouse Epithelial Cell Adhesion Molecule, Epcam Primacu ELISA Kit

CATALOG #
AAA124154

REACTIVITY
Mouse

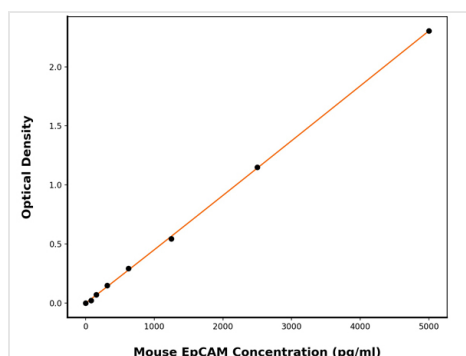
PRODUCT SYNONYMS

Epithelial Cell Adhesion Molecule; Epcam; Mouse Epithelial Cell Adhesion Molecule; Epcam Primacu ELISA Kit; Epithelial cell adhesion molecule; EpCAM; Tacstd1; Epcam elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	78.13-5000pg/mL
Sensitivity	15.63pg/mL
Standard Solution	50ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for Epcam elisa kit	Epithelial Cell Adhesion Molecule (EpCAM), also known as GA733-2 antigen, is a type I transmembrane glycoprotein composed of an extracellular domain with two EGF-Like repeats and a cysteine-rich region, a transmembrane domain and a cytoplasmic domain. It modulates cell adhesion and proliferation. Its overexpression has been detected in many epithelial tumours and has been associated with high stage, high grade and a worse survival in some tumour types. EpCAM has been shown to function as a calcium-independent homophilic cell adhesion molecule that does not exhibit any obvious relationship to the four known cell adhesion molecule superfamilies. However, recent insights have revealed that EpCAM participates in not only cell adhesion, but also in proliferation, migration and differentiation of cells. In addition, recent study revealed that EpCAM is the Wnt-beta-catenin signaling target gene and may be used to facilitate prognosis. It has oncogenic potential and is activated by release of its intracellular domain, which can signal into the cell nucleus by engagement of elements of the wnt pathway. Cancer Immunotherapy Immune Checkpoint Immunotherapy Targeted Therapy
Product Categories/Family for Epcam elisa kit	Primacu ELISA Kit; Tags & cell markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	112293275
NCBI GeneID	17075
NCBI Accession #	NP_032558.2
NCBI GenBank Nucleotide #	NM_008532.2
UniProt Accession #	Q99JW5; Q61512
Molecular Weight	35,019 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	EGP; Ly74; gp40; CD326; EGP-2; TROP1; Egp314; Ep-CAM; EpCAM1; Tacstd1; GA733-2; Tacstd1
NCBI Protein Information	epithelial cell adhesion molecule; mEGP314; protein 289A; Trop-1 protein; lymphocyte antigen 74; epithelial glycoprotein 314; panepithelial glycoprotein 314; tumor-associated calcium signal transducer 1
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	Epcam
UniProt Synonym Gene Names	Tacstd1; Ep-CAM; EGP314; mEGP314
UniProt Entry Name	EPCAM_MOUSE

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/mouse-elisa-kits/epithelial-cell-adhesion-molecule-epcam/124154>