

Mouse uPAR ELISA Kit | PLAUR elisa kit

Mouse uPAR PicoKine ELISA Kit

CATALOG #
AAA45865

REACTIVITY
Mouse

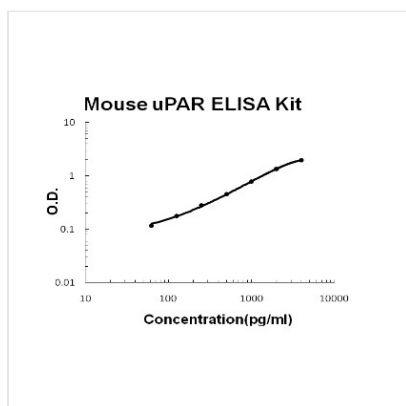
PRODUCT SYNONYMS

uPAR; Mouse uPAR PicoKine ELISA Kit; Urokinase plasminogen activator surface receptor; plasminogen activator; urokinase receptor; CD87; Monocyte activation antigen Mo3; PLAUR; U-PAR; UPAR_HUMAN; PLAUR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse uPAR
Sequence Length	327
Samples	Cell culture supernates, serum and plasma (heparin, EDTA)
Assay Type	Sandwich
Detection Range	62.5pg/ml-4000pg/ml
Sensitivity	< 5pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse uPAR PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PLAUR elisa kit

Principle of the assay: mouse uPAR ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for uPAR has been precoated onto 96-well plates. Standards(NSO, L24-T297) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for uPAR is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse uPAR amount of sample captured in plate.

Background: The urokinase-type plasminogen activator receptor (uPAR) is a key molecule in the regulation of cell-surface plasminogen activation and, as such, plays an important role in many normal as well as pathological processes.¹ The cDNA for Mo3, an activation antigen expressed by human monocytes and myelomonocytic cell lines after stimulation by a variety of agents. Mo3 expression in vivo is associated predominantly with macrophages in inflammatory sites. It is a highly glycosylated protein of about 50 kD in monocytes where it is anchored to the plasma membrane by glycosyl-phosphatidylinositol linkage. The complete coding sequence of the cDNA has been found to encode 335 amino acids including a predicted signal peptide of 22 residues and a hydrophobic C-terminal portion. Mo3 is identical to the human receptor for the urokinase plasminogen activator.² UPAR is a useful prognostic marker for biologically aggressive forms of endometrial cancer.³ PLAUR is located at chromosome 19q13.1-q13.2.1

NCBI AND UNIPROT INFORMATION

NCBI GI #	549165
NCBI GeneID	18793
UniProt Accession #	P35456; P35457
Molecular Weight	24,619 Da
NCBI Official Full Name	Urokinase plasminogen activator surface receptor
NCBI Official Synonym Full Names	plasminogen activator, urokinase receptor
NCBI Official Symbol	Plaur
NCBI Official Synonym Symbols	Cd87; uPAR; u-PAR
NCBI Protein Information	urokinase plasminogen activator surface receptor; urokinase plasminogen activator receptor; urokinase-type plasminogen activator receptor
UniProt Protein Name	Urokinase plasminogen activator surface receptor
UniProt Gene Name	Plaur
UniProt Synonym Gene Names	U-PAR; uPAR
UniProt Entry Name	UPAR_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/plaur-mouse-elisa-kits/upar/45865>