

Human uPA-R ELISA Kit | uPA-R elisa kit

uPA-R Human ELISA Kit

CATALOG # AAA58944	REACTIVITY Human	APPLICATIONS ELISA
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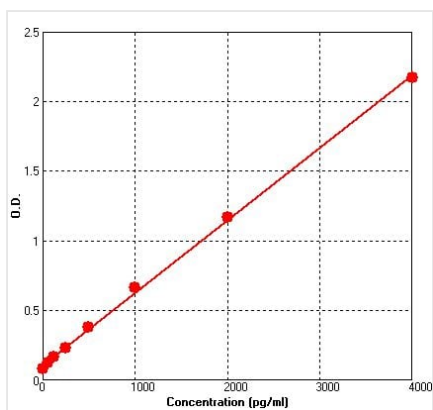
PRODUCT SYNONYMS

uPA-R; uPA-R Human ELISA Kit; Human uPA-R; uPA-R elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 4pg/ml
Applicable Applications for uPA-R elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for uPA-R elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-uPAR polyclonal antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-uPAR polyclonal antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with wash buffer. TMB substrates were 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 uPAR amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of uPAR can be calculated. Background: The Urokinase receptor, also known as uPA receptor or uPAR or CD87 (Cluster of Differentiation 87), is multidomain glycoprotein tethered to the cell membrane with a glycosylphosphatidylinositol (GPI) anchor. uPAR was originally identified as a saturable binding site for urokinase on the cell surface. It consists of three different domains of the Ly-6/uPAR/ alpha-neurotoxin family. All three domains are necessary for high affinity binding of the primary ligand, urokinase. uPAR is a part of the plasminogen activation system, which in the healthy body is involved in tissue reorganization events such as mammary gland involution and wound healing. It is a key molecule in the regulation of cell-surface plasminogen activation, and plays an important role in many normal as well as pathologic processes.
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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://www.aaabiotech.com/human-elisa-kits/upa-r/58944>