

Rat Plasminogen Activator, Urokinase Receptor (uPAR) ELISA Kit | uPAR elisa kit

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CATALOG #
AAA183012

REACTIVITY
Rat

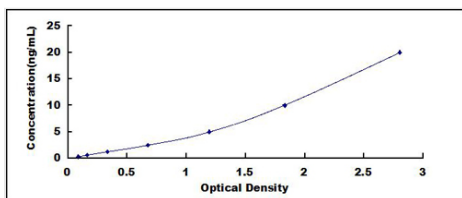
PRODUCT SYNONYMS

Plasminogen Activator; Urokinase Receptor (uPAR); Rat Plasminogen Activator; Urokinase Receptor (uPAR) ELISA Kit; CD87; PLAUR; PLAU-R; U-PAR; URKR; Monocyte Activation Antigen Mo3; uPAR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Plasminogen Activator, Urokinase Receptor (uPAR). No significant cross-reactivity or interference between Plasminogen Activator, Urokinase Receptor (uPAR) and analogues was observed.
Sequence Length	335
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Plasminogen Activator, Urokinase Receptor (uPAR) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Plasminogen Activator, Urokinase Receptor (uPAR) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for uPAR elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Plasminogen Activator, Urokinase Receptor (uPAR). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Plasminogen Activator, Urokinase Receptor (uPAR). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Plasminogen Activator, Urokinase Receptor (uPAR), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Plasminogen Activator, Urokinase Receptor (uPAR) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12803885
NCBI GeneID	5329
UniProt Accession #	Q03405; Q12876; Q15845; Q16887; Q6IB52; Q9BWT0; Q9NYC8; Q9UD69; Q9UEA6; Q9UM92; Q9UMV0; A8K409
Molecular Weight	32,016 Da
NCBI Official Full Name	Plasminogen activator, urokinase receptor
NCBI Official Synonym Full Names	plasminogen activator, urokinase receptor
NCBI Official Symbol	PLAUR
NCBI Official Synonym Symbols	CD87; UPAR; URKR; U-PAR
NCBI Protein Information	urokinase plasminogen activator surface receptor
UniProt Protein Name	Urokinase plasminogen activator surface receptor
UniProt Gene Name	PLAUR
UniProt Synonym Gene Names	MO3; UPAR; U-PAR; uPAR

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/rat-elisa-kits/plasminogen-activator-urokinase-receptor-upar/183012>