

ARG81849 Mouse uPAR ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81849-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81849-002	Standard	2 X 10 ng/vial	4°C
ARG81849-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81849-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG81849-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81849-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG81849-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81849-008	25X Wash buffer	20 ml	4°C
ARG81849-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81849-010	STOP solution	10 ml (Ready to use)	4°C
ARG81849-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81849 Mouse uPAR ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse uPAR in serum, plasma (heparin, EDTA) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	uPAR
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum, plasma (heparin, EDTA) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl

Precision	Intra-Assay CV: 6.7%; Inter-Assay CV: 7.8%
Alternate Names	Monocyte activation antigen Mo3; CD antigen CD87; uPAR; U-PAR; URKR; Urokinase plasminogen activator surface receptor; UPAR; CD87

Application Instructions

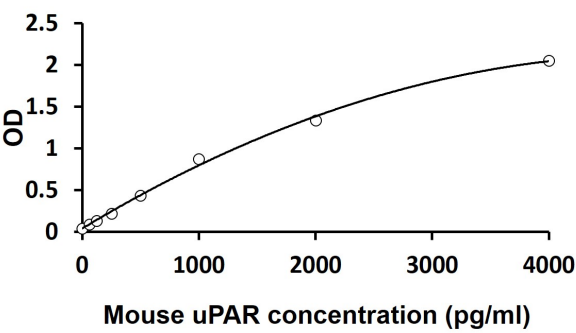
Assay Time	~ 5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	PLAUR
Gene Full Name	plasminogen activator, urokinase receptor
Background	This gene encodes the receptor for urokinase plasminogen activator and, given its role in localizing and promoting plasmin formation, likely influences many normal and pathological processes related to cell-surface plasminogen activation and localized degradation of the extracellular matrix. It binds both the proprotein and mature forms of urokinase plasminogen activator and permits the activation of the receptor-bound pro-enzyme by plasmin. The protein lacks transmembrane or cytoplasmic domains and may be anchored to the plasma membrane by a glycosyl-phosphatidylinositol (GPI) moiety following cleavage of the nascent polypeptide near its carboxy-terminus. However, a soluble protein is also produced in some cell types. Alternative splicing results in multiple transcript variants encoding different isoforms. The proprotein experiences several post-translational cleavage reactions that have not yet been fully defined. [provided by RefSeq, Jul 2008]
Function	Acts as a receptor for urokinase plasminogen activator. Plays a role in localizing and promoting plasmin formation. Mediates the proteolysis-independent signal transduction activation effects of U-PA. It is subject to negative-feedback regulation by U-PA which cleaves it into an inactive form. [UniProt]
Highlight	Related products: uPAR antibodies ; uPAR ELISA Kits ; New ELISA data calculation tool: Simplify the ELISA analysis by GainData



ARG81849 Mouse uPAR ELISA Kit standard curve image

ARG81849 Mouse uPAR ELISA Kit results of a typical standard run with optical density reading at 450 nm.