

ARG82923 Mouse alpha 2 Antiplasmin ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG82923 Mouse alpha 2 Antiplasmin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse alpha 2 Antiplasmin in Serum, Plasma (heparin, EDTA, citrate), Cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Specificity	There is no detectable cross-reactivity with other relevant proteins.
Target Name	alpha 2 Antiplasmin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	15 pg/ml
Detection Range	1.56 ng/ml - 100 ng/ml
Sample Type	Serum, Plasma and Cell culture supernatants.
Precision	Intra-Assay CV: 5.5% Inter-Assay CV: 6.2%
Alternate Names	Alpha-2-AP; Serpin F2; Alpha-2-PI; Alpha-2-antiplasmin; Alpha-2-plasmin inhibitor; AAP; API; PLI; A2AP; ALPHA-2-P

Application Instructions

Assay Time	~ 5 hours
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Properties

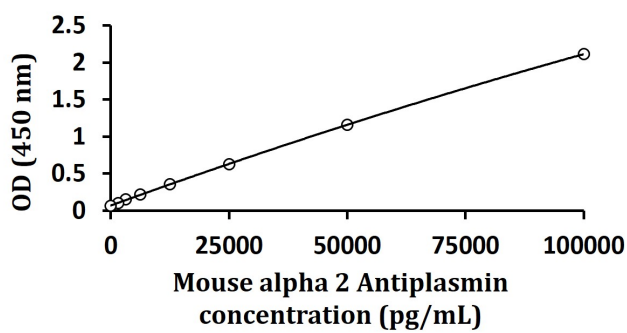
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory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

Bioinformation

Gene Symbol	SERPINF2
Gene Full Name	serpin family F member 2
Background	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]

Function	Serine protease inhibitor. The major targets of this inhibitor are plasmin and trypsin, but it also inactivates matriptase-3/TMPRSS7 and chymotrypsin.
Research Area	Cell Biology and Cellular Response antibody; Neuroscience antibody
PTM	Proteolytically cleaved at Pro-39 by both the prolyl endopeptidase FAP form and antiplasmin-cleaving enzyme FAP soluble form to generate mature alpha-2-antiplasmin.
Cellular Localization	Secreted.

Images



ARG82923 Mouse alpha 2 Antiplasmin ELISA Kit standard curve image

ARG82923 Mouse alpha 2 Antiplasmin ELISA Kit results of a typical standard run with optical density reading at 450 nm.