

Product datasheet

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ARG81738 Mouse HGFA Inhibitor 1 ELISA Kit

Package: 96 wells Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG81738-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG81738-002	Standard	2 X 10 ng/vial	4°C
ARG81738-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG81738-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG81738-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG81738-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG81738-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG81738-008	25X Wash buffer	20 ml	4°C
ARG81738-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG81738-010	STOP solution	10 ml (Ready to use)	4°C
ARG81738-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG81/38 Mouse HGFA Inhibitor	1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of

Mouse HGFA Inhibitor 1 in serum, plasma (heparin) and cell culture supernatants.

Tested Reactivity Ms

Tested Application ELISA

Specificity There is no detectable cross-reactivity with other relevant proteins.

Target Name HGFA Inhibitor 1

Conjugation HRP

Conjugation Note Substrate: TMB and read at 450 nm.

Sensitivity 31.25 pg/ml

Sample Type Serum, plasma (heparin) and cell culture supernatants.

Standard Range 62.5 - 4000 pg/ml

Sample Volume $100 \ \mu l$

Precision Intra-Assay CV: 6.5%; Inter-Assay CV: 7.6%

Alternate Names HAI; Kunitz-type protease inhibitor 1; HAI1; HAI-1; MANSC2; Hepatocyte growth factor activator

inhibitor type 1

Application Instructions

Assay Time ~ 5 hours

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 SPINT1

Gene Full Name serine peptidase inhibitor, Kunitz type 1

Background The protein encoded by this gene is a member of the Kunitz family of serine protease inhibitors. The

protein is a potent inhibitor specific for HGF activator and is thought to be involved in the regulation of the proteolytic activation of HGF in injured tissues. Alternative splicing results in multiple variants

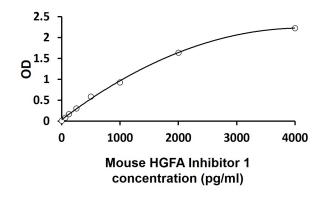
encoding different isoforms. [provided by RefSeq, Jul 2008]

Function Inhibitor of HGF activator. Also acts as an inhibitor of matriptase (ST14). [UniProt]

Highlight Related products:

HGFA Inhibitor ELISA Kits;
New ELISA data calculation tool:
Simplify the ELISA analysis by GainData

Images



ARG81738 Mouse HGFA Inhibitor 1 ELISA Kit standard curve image

ARG81738 Mouse HGFA Inhibitor 1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.