

Product datasheet

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ARG82391 Mouse Plexin A1 ELISA Kit

Package: 96 wells Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82391-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82391-002	Standard	2 X 20 ng/vial	4°C
ARG82391-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82391-004	Antibody conjugate concentrate (100X)	1 vial (100 μl)	4°C
ARG82391-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82391-006	HRP-Streptavidin concentrate (100X)	1 vial (100 μl)	4°C
ARG82391-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82391-008	25X Wash buffer	20 ml	4°C
ARG82391-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82391-010	STOP solution	10 ml (Ready to use)	4°C
ARG82391-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82391 Mouse Plexin A1 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse Plexin A1 in serum, plasma (EDTA, heparin) and cell culture supernatants.			
Tested Reactivity	Ms			
Tested Application	ELISA			
Target Name	Plexin A1			
Conjugation	HRP			
Conjugation Note	Substrate: TMB and read at 450 nm.			
Sensitivity	0.156 ng/ml Serum, plasma (EDTA, heparin) and cell culture supernatants. 0.312 - 20 ng/ml			
Sample Type				
Standard Range				
Sample Volume	100 μΙ			
Precision	Intra-Assay CV: 4.8% Inter-Assay CV: 6.4%			

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 PLXNA1
Gene Full Name plexin A1

Function Coreceptor for SEMA3A, SEMA3F and SEMA6D. Necessary for signaling by class 3 semaphorins

and subsequent remodeling of the cytoskeleton. Plays a role in axon guidance, invasive growth and cell migration. Class 3 semaphorins bind to a complex composed of a neuropilin and a plexin. The plexin modulates the affinity of the complex for specific semaphorins, and its cytoplasmic domain is required

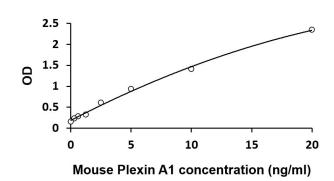
for the activation of down-stream signaling events in the cytoplasm (By similarity). [UniProt]

Highlight Related products:

Plexin antibodies; Plexin ELISA Kits; New ELISA data calculation tool: Simplify the ELISA analysis by GainData

Cellular Localization Cell membrane; Single-pass type I membrane protein. [UniProt]

Images



ARG82391 Mouse Plexin A1 ELISA Kit standard curve image

ARG82391 Mouse Plexin A1 ELISA Kit results of a typical standard run with optical density reading at 450 nm.