

ARG82356 Mouse Meteorin ELISA Kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG82356-001	Antibody-coated microplate	8 X 12 strips	4°C. Unused strips should be sealed tightly in the air-tight pouch.
ARG82356-002	Standard	2 X 10 ng/vial	4°C
ARG82356-003	Standard/Sample diluent	30 ml (Ready to use)	4°C
ARG82356-004	Antibody conjugate concentrate (100X)	1 vial (100 µl)	4°C
ARG82356-005	Antibody diluent buffer	12 ml (Ready to use)	4°C
ARG82356-006	HRP-Streptavidin concentrate (100X)	1 vial (100 µl)	4°C
ARG82356-007	HRP-Streptavidin diluent buffer	12 ml (Ready to use)	4°C
ARG82356-008	25X Wash buffer	20 ml	4°C
ARG82356-009	TMB substrate	10 ml (Ready to use)	4°C (Protect from light)
ARG82356-010	STOP solution	10 ml (Ready to use)	4°C
ARG82356-011	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG82356 Mouse Meteorin ELISA Kit is an Enzyme Immunoassay kit for the quantification of Mouse Meteorin in serum, plasma (EDTA, heparin) and cell culture supernatants.
Tested Reactivity	Ms
Tested Application	ELISA
Target Name	Meteorin
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	31.25 pg/ml
Sample Type	Serum, plasma (EDTA, heparin) and cell culture supernatants.
Standard Range	62.5 - 4000 pg/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: 6.0% Inter-Assay CV: 6.9%

Alternate Names C16orf23; c380A1.2; Meteorin

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 METRN

Gene Full Name meteorin, glial cell differentiation regulator

Background Meteorin regulates glial cell differentiation and promotes the formation of axonal networks during neurogenesis (Nishino et al., 2004 [PubMed 15085178]).[supplied by OMIM, Mar 2008]

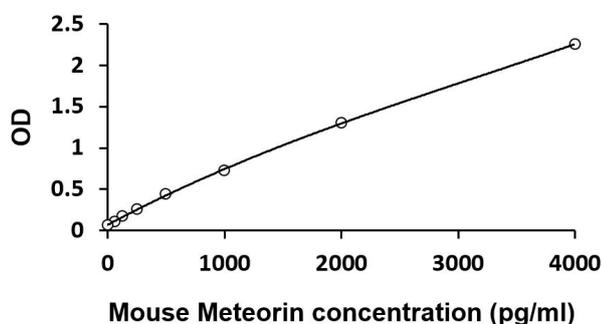
Function Involved in both glial cell differentiation and axonal network formation during neurogenesis. Promotes astrocyte differentiation and transforms cerebellar astrocytes into radial glia. Also induces axonal extension in small and intermediate neurons of sensory ganglia by activating nearby satellite glia (By similarity). [UniProt]

Highlight Related products:
[Meteorin ELISA Kits](#);
New ELISA data calculation tool:
[Simplify the ELISA analysis by GainData](#)

PTM Contains five disulfide bridges. [UniProt]

Cellular Localization Secreted. [UniProt]

Images



ARG82356 Mouse Meteorin ELISA Kit standard curve image

ARG82356 Mouse Meteorin ELISA Kit results of a typical standard run with optical density reading at 450 nm.