

## 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%<br>Inter-Assay CV: 6.9%  |

Alternate Names C16orf23; c380A1.2; Meteorin

## Application Instructions

Assay Time ~ 5 hours

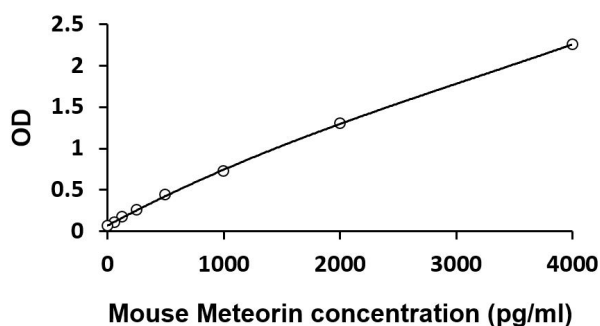
## Properties

|                     |  |
|---------------------|--|
| 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:<br><a href="#">Meteorin ELISA Kits:</a><br>New ELISA data calculation tool:<br><a href="#">Simplify the ELISA analysis by GainData</a>  |
| 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.