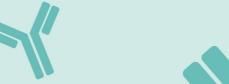
antibodies .- online.com







METRN ELISA Kit





Overview

Quantity:	96 tests
Target:	METRN
Binding Specificity:	AA 22-291
Reactivity:	Mouse
Method Type:	Sandwich ELISA
Application:	ELISA

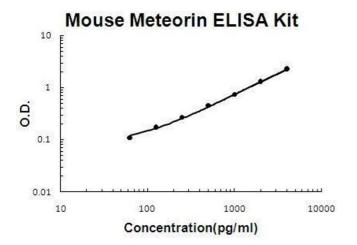
Product Details	
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Mouse Meteorin/METRN
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO Immunogen sequence: G22-D291
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Highly expressed in brain. Expressed in undifferentiated neural progenitors and in astrocyte lineage, particulary in Bergmann glia, a subtype of radial glia, and a few discrete neuronal populations residing in the superior colliculus, the ocular motor nucleus, the raphe and pontine nuclei, and in various thalamic nuclei. Weakly expressed in heart, kidney, skeletal muscle, spleen, testis, gut and lung.

Target Details

Target:	METRN
Alternative Name:	Metrn (METRN Products)
Background:	Protein 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 Background: Meteorin, glial cell differentiation regulator is a protein that in humans is encoded by the METRN gene. The mouse Metrn gene is mapped to chromosome 17. It is concluded that meteorin acts directly on satellite glial cells to induce a change in morphology and that transformed satellite glial cells induce the secondary effect of neurite extension. In cerebellar explants, meteorin induced conversion of cerebellar astrocytes into radial glia and promoted astrocyte differentiation from embryonic day 11.5 cerebral cortex neurospheres.
	Synonyms: Meteorin, Hypoxia/reoxygenation regulatory factor, Metrn, Hyrac, Full Gene Name: Meteorin Cellular Localisation: Secreted.
UniProt:	Q8C1Q4

Application Details

Plate:	Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	4 °C,-20 °C
Storage: Storage Comment:	4 °C,-20 °C Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)



ELISA

Image 1. Mouse Meteorin/METRN PicoKine ELISA Kit standard curve