

Human Meteorin-Like Protein (METRNL) ELISA Kit | METRNL elisa kit

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CATALOG #
AAA219782

REACTIVITY
Human

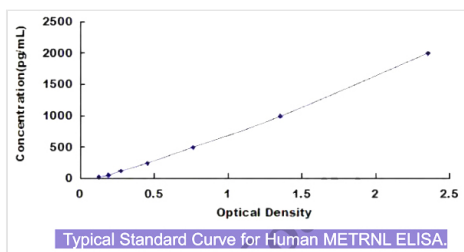
PRODUCT SYNONYMS

Meteorin-Like Protein (METRNL); Human Meteorin-Like Protein (METRNL) ELISA Kit; Subfatin; METRNL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of METRNL. No significant cross-reactivity or interference between METRNL and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	31.2-2000pg/mL
Sensitivity	< 12.8pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level METRNL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level METRNL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for METRNL elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to METRNL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to METRNL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain METRNL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of METRNL in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of METRNL in human serum, plasma, tissue homogenates or other biological fluids.
Product Categories/Family for METRNL elisa kit	Traditional ELISA Kit

NCBI AND UNIPROT INFORMATION

NCBI GI #	52345387
NCBI GeneID	284207
NCBI Accession #	NP_001004431.1
NCBI GenBank Nucleotide #	NM_001004431.3
UniProt Accession #	Q641Q3
NCBI Official Full Name	meteorin-like protein isoform 1
NCBI Official Synonym Full Names	meteorin like, glial cell differentiation regulator
NCBI Official Symbol	METRNL
NCBI Protein Information	meteorin-like protein
UniProt Protein Name	Meteorin-like protein
UniProt Gene Name	METRNL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.