

Rat Mesencephalic astrocyte-derived neurotrophic factor, MANF ELISA Kit | MANF elisa kit

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CATALOG #
AAA120826

REACTIVITY
Rat

PRODUCT SYNONYMS

Mesencephalic astrocyte-derived neurotrophic factor; MANF; Rat Mesencephalic astrocyte-derived neurotrophic factor; MANF ELISA Kit; MANF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	182
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/L - 2000ng/L
Sensitivity	2.39ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MANF elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mesencephalic Astrocyte-derived Neurotrophic Factor (also known as MANF) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MANF antibody. MANF present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MANF Antibody is added and binds to MANF in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MANF antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MANF. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1478051060
NCBI GeneID	7873
NCBI Accession #	NP_006001.5
NCBI GenBank Nucleotide #	NM_006010.6
UniProt Accession #	P55145; Q14CX4; Q86U67; Q96IS4
Molecular Weight	20,700 Da
NCBI Official Full Name	mesencephalic astrocyte-derived neurotrophic factor
NCBI Official Synonym Full Names	mesencephalic astrocyte derived neurotrophic factor
NCBI Official Symbol	MANF
NCBI Official Synonym Symbols	ARP; ARMET
NCBI Protein Information	mesencephalic astrocyte-derived neurotrophic factor
UniProt Protein Name	Mesencephalic astrocyte-derived neurotrophic factor
UniProt Gene Name	MANF
UniProt Synonym Gene Names	ARMET; ARP

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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/mesencephalic-astrocyte-derived-neurotrophic-factor-manf/120826>