

Human Mesencephalic Astrocyte Derived Neurotrophic Factor ELISA Kit | MANF elisa kit

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CATALOG #
AAA100754

REACTIVITY
Human

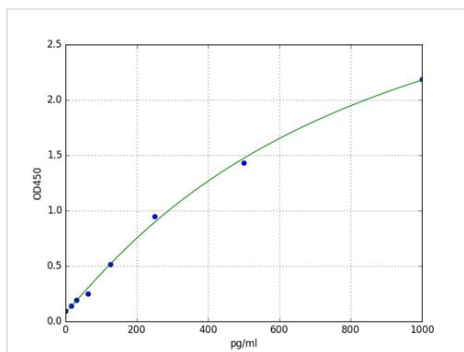
PRODUCT SYNONYMS

Mesencephalic Astrocyte Derived Neurotrophic Factor; Human Mesencephalic Astrocyte Derived Neurotrophic Factor ELISA Kit; MANF/ARMET/ARP/Arginine-Rich Protein/arginine-rich; mutated in early stage tumors/ARMET/ARP/mesencephalic astrocyte-derived neurotrophic factor/Protein ARMET; MANF elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	185
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MANF ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.048	0.118	0.195	0.341	0.518	1.030	1.723	2.523

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MANF elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human MANF antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MANF antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MANF amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MANF can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	618857509
NCBI GeneID	7873
NCBI Accession #	NP_006001.4
NCBI GenBank Nucleotide #	NM_006010.5
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
UniProt Entry Name	MANF_HUMAN

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/manf-human-elisa-kits/mesencephalic-astrocyte-derived-neurotrophic-factor/100754>