

Mouse Hepatocyte Nuclear Factor 1 Alpha ELISA Kit | HNF1a elisa kit

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CATALOG #
AAA101825

REACTIVITY
Mouse

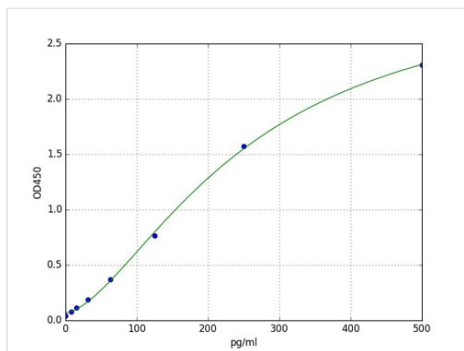
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Alpha; Mouse Hepatocyte Nuclear Factor 1 Alpha ELISA Kit; HNF1a; HNF1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	638
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	7.813-500pg/ml
Sensitivity	4.688pg/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 Mouse HNF1a 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	7.8	15.6	31.2	62.5	125	250	500
Y	OD450	0.079	0.096	0.112	0.180	0.404	0.636	1.219	2.042

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF1a elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse HNF1a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse HNF1a 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 Mouse HNF1a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse HNF1a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

807201167

NCBI GeneID	6927
NCBI Accession #	NP_001293108.1
NCBI GenBank Nucleotide #	NM_001306179.1
Molecular Weight	12,491 Da
NCBI Official Full Name	hepatocyte nuclear factor 1-alpha isoform 1
NCBI Official Synonym Full Names	HNF1 homeobox A
NCBI Official Symbol	HNF1A
NCBI Official Synonym Symbols	HNF1; LFB1; TCF1; MODY3; TCF-1; HNF-1A; IDDM20
NCBI Protein Information	hepatocyte nuclear factor 1-alpha
UniProt Protein Name	Hepatocyte nuclear factor 1-alpha
UniProt Gene Name	HNF1A
UniProt Synonym Gene Names	TCF1; HNF-1-alpha; HNF-1A; LFB1; TCF-1
UniProt Entry Name	HNF1A_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/hnf1a-mouse-elisa-kits/hepatocyte-nuclear-factor-1-alpha/101825>