

Mouse Hepatocyte Nuclear Factor 1 Beta ELISA Kit | HNF1b elisa kit

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CATALOG #
AAA100744

REACTIVITY
Mouse

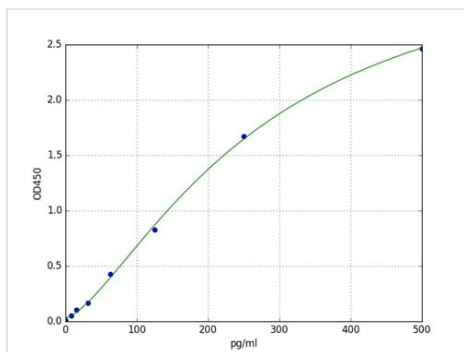
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Beta; Mouse Hepatocyte Nuclear Factor 1 Beta ELISA Kit; HNF1b/HNF-1 beta/HNF1B/HNF2/LF-B3/MODY5/VHNF1/FJHN/hepatocyte nuclear factor 1-beta/HNF1 beta A/HNF1 homeobox B/HNF-1B/HNF1beta/HNF-1-beta/HNF2/Homeoprotein LFB3/LFB3/LF-B3/MODY5HPC11/TCF-2/TCF2transcription factor 2; hepatic/LF-B3/variant hepatic nuclear factor/Transcription factor 2/transcription factor 2; hepatic/Variant hepatic nuclear factor 1/vHNF1/VHNF1; HNF1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	557
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 HNF1b 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	0.049	0.109	0.166	0.270	0.555	0.944	1.666	2.697

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF1b elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse HNF1b antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse HNF1b 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 HNF1b amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse HNF1b can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507397
NCBI GeneID	6928
NCBI Accession #	NP_000449.1
NCBI GenBank Nucleotide #	NM_000458.3
Molecular Weight	46,907 Da
NCBI Official Full Name	hepatocyte nuclear factor 1-beta isoform 1
NCBI Official Synonym Full Names	HNF1 homeobox B
NCBI Official Symbol	HNF1B
NCBI Official Synonym Symbols	FJHN; HNF2; LFB3; TCF2; HPC11; LF-B3; MODY5; TCF-2; VHNF1; HNF-1B; HNF1beta; HNF-1-beta
NCBI Protein Information	hepatocyte nuclear factor 1-beta
UniProt Protein Name	Hepatocyte nuclear factor 1-beta
UniProt Gene Name	HNF1B
UniProt Synonym Gene Names	TCF2; HNF-1-beta; HNF-1B; TCF-2; vHNF1
UniProt Entry Name	HNF1B_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/hnf1b-mouse-elisa-kits/hepatocyte-nuclear-factor-1-beta/100744>