

Mouse HNF4a ELISA Kit | HNF4a elisa kit

Mouse HNF4a (Hepatocyte Nuclear Factor 4 Alpha) ELISA Kit

CATALOG #
AAA165336

REACTIVITY
Mouse

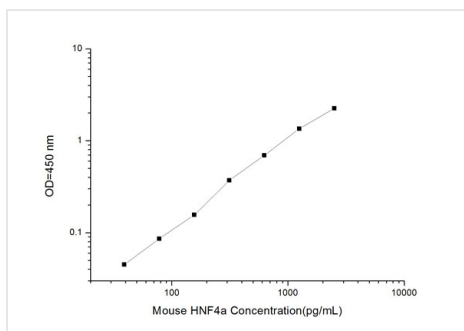
PRODUCT SYNONYMS

HNF4a; Mouse HNF4a (Hepatocyte Nuclear Factor 4 Alpha) ELISA Kit; HNF4a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse HNF4a. No significant cross-reactivity or interference between Mouse HNF4a and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse HNF4a and all the analogues, therefore, cross reaction may still exist.
Sequence Length	392
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	39.063-2500pg/mL
Sensitivity	Min: 23.438pg/mL; Max: 2500pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF4a elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of HNF4a in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse HNF4a. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse HNF4a and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse HNF4a, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse HNF4a. You can calculate the concentration of Mouse HNF4a in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	563407074
NCBI GeneID	3172
NCBI Accession #	NP_001274113.1
NCBI GenBank Nucleotide #	NM_001287184.1
UniProt Accession #	P41235; O00659; O00723; Q14540; Q5QPB8; Q6B4V5; Q6B4V6; Q6B4V7; Q92653; Q92654; A5JW41; B2RPP8
Molecular Weight	43,988 Da
NCBI Official Full Name	hepatocyte nuclear factor 4-alpha isoform HNF4alpha12
NCBI Official Synonym Full Names	hepatocyte nuclear factor 4, alpha
NCBI Official Symbol	HNF4A
NCBI Official Synonym Symbols	TCF; HNF4; MODY; FRTS4; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha
NCBI Protein Information	hepatocyte nuclear factor 4-alpha; HNF4alpha10/11/12; TCF-14; hepatic nuclear factor 4 alpha; nuclear receptor subfamily 2 group A member 1; transcription factor 14; transcription factor HNF-4
UniProt Protein Name	Hepatocyte nuclear factor 4-alpha
UniProt Gene Name	HNF4A
UniProt Synonym Gene Names	HNF4; NR2A1; TCF14; HNF-4-alpha; TCF-14
UniProt Entry Name	HNF4A_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://www.aaabiotech.com/mouse-elisa-kits/hnf4a/165336>