

Human Hepatocyte Nuclear Factor 1 Alpha ELISA Kit | HNF1Alpha elisa kit

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CATALOG #
AAA83636

REACTIVITY
Human

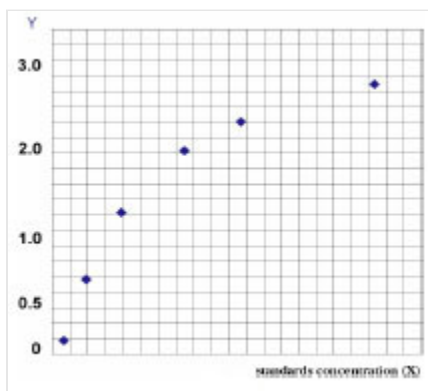
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Alpha; Human Hepatocyte Nuclear Factor 1 Alpha ELISA Kit; HNF1Alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	250-5000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF1Alpha elisa kit	Intended Uses: This HNF1A ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration ofHNF1A in the sample, thisHNF1A ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versusHNF1A concentration. The concentration ofHNF1A in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This HNF1A enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific forHNF1A. Standards or samples are then added to the microtiter plate wells andHNF1A if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofHNF1A present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forHNF1A are added to each well to "sandwich" theHNF1A immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that containHNF1A and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for HNF1Alpha elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	256542297
NCBI GeneID	6927
NCBI Accession #	NP_000536.5
NCBI GenBank Nucleotide #	NM_000545.5
Molecular Weight	12,491 Da
NCBI Official Full Name	hepatocyte nuclear factor 1-alpha
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; HNF-1-alpha; albumin proximal factor; hepatic nuclear factor 1; transcription factor 1, hepatic; interferon production regulator factor; liver-specific transcription factor LF-B1
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/hnf1alpha-human-elisa-kits/hepatocyte-nuclear-factor-1-alpha/83636>