

Rat Hepatocyte Nuclear Factor 4 Alpha ELISA Kit | HNF4alpha elisa kit

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CATALOG #
AAA85716

REACTIVITY
Rat

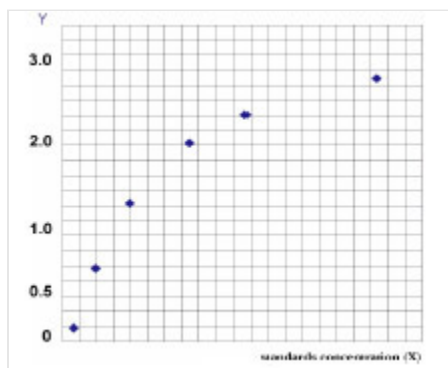
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 4 Alpha; Rat Hepatocyte Nuclear Factor 4 Alpha ELISA Kit; HNF4alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
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 HNF4alpha elisa kit	Intended Uses: This HNF4a 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 ofHNF4a in the sample, thisHNF4a 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 versusHNF4a concentration. The concentration ofHNF4a in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This HNF4a 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 forHNF4a. Standards or samples are then added to the microtiter plate wells andHNF4a if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofHNF4a present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forHNF4a are added to each well to "sandwich" theHNF4a 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 containHNF4a 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 HNF4alpha elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	71725341
NCBI GeneID	3172
NCBI Accession #	NP_001025174.1
NCBI GenBank Nucleotide #	NM_001030003.2
Molecular Weight	43,988 Da
NCBI Official Full Name	hepatocyte nuclear factor 4-alpha isoform HNF4alpha7
NCBI Official Synonym Full Names	hepatocyte nuclear factor 4, alpha
NCBI Official Symbol	HNF4A
NCBI Official Synonym Symbols	TCF; HNF4; MODY; MODY1; NR2A1; TCF14; HNF4a7; HNF4a8; HNF4a9; NR2A21; HNF4alpha
NCBI Protein Information	hepatocyte nuclear factor 4-alpha; TCF-14; HNF4alpha10/11/12; transcription factor 14; transcription factor HNF-4; hepatic nuclear factor 4 alpha; nuclear receptor subfamily 2 group A member 1
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://stage.aaabiotech.com/hnf4alpha-rat-elisa-kits/hepatocyte-nuclear-factor-4-alpha/85716>