

Rat Hepatocyte Nuclear Factor 6 Alpha ELISA Kit | HNF6alpha elisa kit

Rat Hepatocyte Nuclear Factor 6 Alpha ELISA Kit

CATALOG #
AAA87336

REACTIVITY
Rat

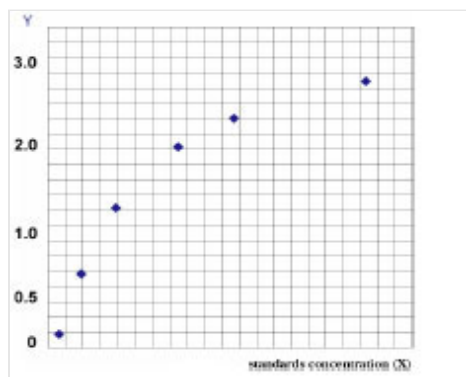
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 6 Alpha; Rat Hepatocyte Nuclear Factor 6 Alpha ELISA Kit; HNF6alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/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 HNF6alpha elisa kit	Intended Uses: This HNF6a 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 ofHNF6a in the sample, thisHNF6a 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 versusHNF6a concentration. The concentration ofHNF6a in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This HNF6a 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 forHNF6a. Standards or samples are then added to the microtiter plate wells andHNF6a if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount ofHNF6a present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific forHNF6a are added to each well to "sandwich" theHNF6a 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 containHNF6a 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 HNF6alpha elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4100316
NCBI GeneID	3175
Molecular Weight	51,023 Da
NCBI Official Full Name	hepatocyte nuclear factor-6 alpha
NCBI Official Synonym Full Names	one cut homeobox 1
NCBI Official Symbol	ONECUT1
NCBI Official Synonym Symbols	HNF6; HNF-6; HNF6A
NCBI Protein Information	hepatocyte nuclear factor 6; one cut domain family member 1; hepatocyte nuclear factor 6, alpha
UniProt Protein Name	Hepatocyte nuclear factor 6
UniProt Gene Name	ONECUT1
UniProt Synonym Gene Names	HNF6; HNF6A; HNF-6
UniProt Entry Name	HNF6_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.