

Monkey Hepatocyte Nuclear Factor 1 Alpha ELISA Kit | HNF1alpha elisa kit

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CATALOG #
AAA94309

REACTIVITY
Monkey

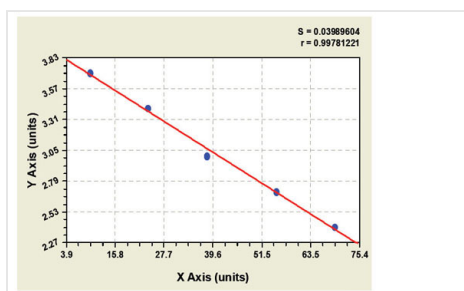
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 1 Alpha; Monkey Hepatocyte Nuclear Factor 1 Alpha ELISA Kit; HNF1alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This HNF1alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HNF1alpha. This ELISA kit for research use only, not for therapeutic applications
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF1alpha elisa kit

Principle of the Assay: HNF1alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HNF1alpha antibody and an HNF1alpha-HRP conjugate. The assay sample and buffer are incubated together with HNF1alpha-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HNF1alpha concentration since HNF1alpha from samples and HNF1alpha-HRP conjugate compete for the anti-HNF1alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by HNF1alpha from the sample, fewer sites are left to bind HNF1alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HNF1alpha concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HNF1alpha elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	219526070
Molecular Weight	11,300 Da
NCBI Official Full Name	hepatocyte nuclear factor 1 alpha, partial
UniProt Protein Name	Hepatocyte nuclear factor 1 alpha
UniProt Gene Name	HNF1alpha
UniProt Entry Name	B8YNV0_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-monkey-elisa-kits/hepatocyte-nuclear-factor-1-alpha/94309>