

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

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CATALOG #
AAA94020

REACTIVITY
Chicken

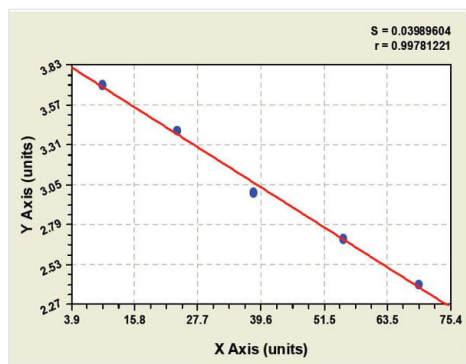
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This HNF6alpha ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken HNF6alpha. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HNF6alpha elisa kit

Principle of the Assay: HNF6alpha ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HNF6alpha antibody and an HNF6alpha-HRP conjugate. The assay sample and buffer are incubated together with HNF6alpha-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 HNF6alpha concentration since HNF6alpha from samples and HNF6alpha-HRP conjugate compete for the anti-HNF6alpha antibody binding site. Since the number of sites is limited, as more sites are occupied by HNF6alpha from the sample, fewer sites are left to bind HNF6alpha-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HNF6alpha concentration in each sample is interpolated from this standard curve.

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.

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Online datasheet: <https://stage.aaabiotech.com/hnf6alpha-chicken-elisa-kits/hepatocyte-nuclear-factor-6-alpha/94020>