

Goat Hepatocyte Nuclear Factor 6 Beta ELISA Kit | HNF6beta elisa kit

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CATALOG #
AAA97136

REACTIVITY
Goat

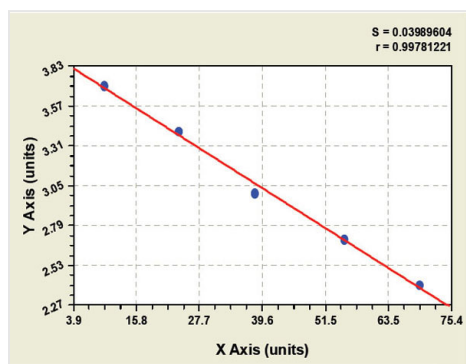
PRODUCT SYNONYMS

Hepatocyte Nuclear Factor 6 Beta; Goat Hepatocyte Nuclear Factor 6 Beta ELISA Kit; HNF6beta elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This HNF6beta ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat HNF6beta. 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 HNF6beta elisa kit

Principle of the Assay: HNF6beta ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-HNF6beta antibody and an HNF6beta-HRP conjugate. The assay sample and buffer are incubated together with HNF6beta-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 HNF6beta concentration since HNF6beta from samples and HNF6beta-HRP conjugate compete for the anti-HNF6beta antibody binding site. Since the number of sites is limited, as more sites are occupied by HNF6beta from the sample, fewer sites are left to bind HNF6beta-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HNF6beta concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HNF6beta elisa kit

Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	119220564
NCBI GeneID	9480
NCBI Accession #	NP_004843.2
NCBI GenBank Nucleotide #	NM_004852.2
Molecular Weight	54,303 Da
NCBI Official Full Name	one cut domain family member 2
NCBI Official Synonym Full Names	one cut homeobox 2
NCBI Official Symbol	ONECUT2
NCBI Official Synonym Symbols	OC2; OC-2
NCBI Protein Information	one cut domain family member 2; onecut 2; HNF-6-beta; transcription factor ONECUT-2; one cut domain, family member 2; hepatocyte nuclear factor 6-beta; ONECUT-2 homeodomain transcription factor
UniProt Protein Name	One cut domain family member 2
UniProt Gene Name	ONECUT2
UniProt Synonym Gene Names	HNF6B; HNF-6-beta; OC-2
UniProt Entry Name	ONEC2_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/hnf6beta-goat-elisa-kits/hepatocyte-nuclear-factor-6-beta/97136>