

Human Wnt6 (Protein Wnt-6) ELISA Kit | Wnt6 elisa kit

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CATALOG #
AAA249140

REACTIVITY
Human

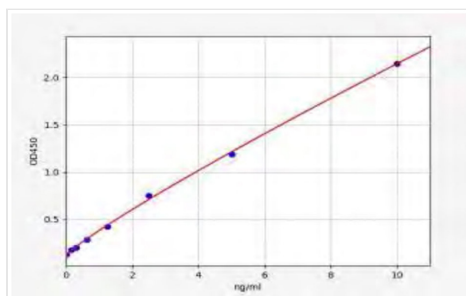
PRODUCT SYNONYMS

Wnt6 (Protein Wnt-6); Human Wnt6 (Protein Wnt-6) ELISA Kit; Protein Wnt-6; Wnt6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize Wnt6, no obvious cross reaction with other analogues
Sequence Length	365
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Wnt6 elisa kit	Background: Wnt-6 is a 46 kDa, secreted, glycoprotein of the Wnt family. Wnt-6 is produced by mammary fibroblasts and ductal epithelium, intestinal crypt cells, and limb bud ectoderm. It is overexpressed in cervical cancer cell line and strongly coexpressed with another family member, WNT10A, in colorectal cancer cell line. Wnt-6 gene overexpression may play key roles in carcinogenesis. Diseases associated with WNT6 include Dental Pulp Calcification and Gastric Cancer. Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Wnt6 antibody was precoated onto the 96-well plate. The biotin conjugated anti Wnt6 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with Wnt6 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of Wnt6 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16507239
NCBI GeneID	7475
NCBI Accession #	NP_006513.1
NCBI GenBank Nucleotide #	NP_006513.1
UniProt Accession #	Q9Y6F9
NCBI Official Full Name	protein Wnt-6
NCBI Official Synonym Full Names	Wnt family member 6
NCBI Official Symbol	WNT6
NCBI Protein Information	protein Wnt-6
UniProt Protein Name	Protein Wnt-6
UniProt Gene Name	WNT6
UniProt Entry Name	WNT6_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://www.aaabiotech.com/human-elisa-kits/wnt6-protein-wnt-6/249140>