

Human WNT3 (Proto-oncogene Wnt-3) ELISA Kit | WNT3 elisa kit

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CATALOG #
AAA248940

REACTIVITY
Human

PRODUCT SYNONYMS

WNT3 (Proto-oncogene Wnt-3); Human WNT3 (Proto-oncogene Wnt-3) ELISA Kit; WNT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Vwf. No significant cross-reactivity or interference between Vwf and analogues was observed.
Sequence Length	355
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Vwf were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Vwf were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<10%
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

Typical Data & Standard Curve

Results of a typical standard operation of a WNT3 ELISA Kit are listed below. This standard curve was generated at our lab for demonstration purpose only. Users shall obtain standard curve as per experiment by themselves. (N/A=not applicable)

X	ng/ml	0	0.156	0.312	0.625	1.25	2.5	5	10
Y	OD450	0.078	0.126	0.162	0.268	0.446	0.775	1.476	1.922

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT3 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Vwf antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Vwf antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Vwf amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Vwf can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13540477
NCBI GeneID	7473
NCBI Accession #	NP_110380.1
NCBI GenBank Nucleotide #	NM_030753.5
UniProt Accession #	P56703; Q2M237; Q9H1J9
Molecular Weight	39,645 Da
NCBI Official Full Name	proto-oncogene Wnt-3
NCBI Official Synonym Full Names	Wnt family member 3
NCBI Official Symbol	WNT3
NCBI Official Synonym Symbols	INT4; TETAMS
NCBI Protein Information	proto-oncogene Wnt-3
UniProt Protein Name	Proto-oncogene Wnt-3
UniProt Gene Name	WNT3
UniProt Synonym Gene Names	INT4

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/human-elisa-kits/wnt3-proto-oncogene-wnt-3/248940>