

Human Proto-oncogene Wnt-1 ELISA Kit | WNT1 elisa kit

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CATALOG #
AAA101507

REACTIVITY
Human

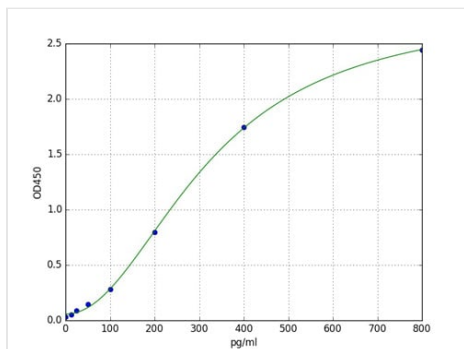
PRODUCT SYNONYMS

Proto-oncogene Wnt-1; Human Proto-oncogene Wnt-1 ELISA Kit; WNT1/Proto-oncogene Wnt-1/Proto-oncogene Int-1 homolog/INT1/OI15/BMND16; WNT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	370
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	12.5-800pg/ml
Sensitivity	7.5pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human WNT1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	12.5	25	50	100	200	400	800
Y	OD450	0.042	0.104	0.168	0.263	0.475	0.885	1.510	2.066

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human WNT1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human WNT1 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 Human WNT1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human WNT1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4885655

NCBI GeneID	7471
NCBI Accession #	NP_005421.1
NCBI GenBank Nucleotide #	NM_005430.3
Molecular Weight	40,982 Da
NCBI Official Full Name	proto-oncogene Wnt-1
NCBI Official Synonym Full Names	wingless-type MMTV integration site family member 1
NCBI Official Symbol	WNT1
NCBI Official Synonym Symbols	INT1; OI15; BMND16
NCBI Protein Information	proto-oncogene Wnt-1
UniProt Protein Name	Proto-oncogene Wnt-1
UniProt Gene Name	WNT1
UniProt Synonym Gene Names	INT1
UniProt Entry Name	WNT1_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/wnt1-human-elisa-kits/proto-oncogene-wnt-1/101507>