

Human wingless-type MMTV integration site family, member 1 ELISA Kit | WNT1 elisa kit

Human Proto-oncogene Wnt-1, WNT1 ELISA Kit

CATALOG #
AAA113011

REACTIVITY
Human

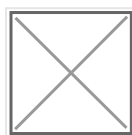
PRODUCT SYNONYMS

wingless-type MMTV integration site family; member 1; Human Proto-oncogene Wnt-1; WNT1 ELISA Kit; Human Proto-oncogene Wnt-1 (WNT1) ELISA kit; INT1; Wingless-type MMTV integration site family; member 1 (oncogene INT1) ; WNT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human WNT1. No significant cross-reactivity or interference between Human WNT1 and analogues was observed.
Sequence Length	370
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	47 pg/ml-3000 pg/ml
Sensitivity	11.7 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Signaling Pathway
Protein Biological Process 3	Wnt signaling pathway
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for WNT1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WNT1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4885655
NCBI GeneID	7471
NCBI Accession #	NP_005421.1
NCBI GenBank Nucleotide #	NM_005430.3
UniProt Accession #	P04628; Q5U0N2
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; proto-oncogene Int-1 homolog; wingless-type MMTV integration site family, member 1 (oncogene INT1)
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/wingless-type-mmtv-integration-site-family-member-1/113011>