

Human Proto-Oncogene Wnt-1 (WNT1) ELISA Kit | WNT1 elisa kit

Human Proto-Oncogene Wnt-1 (WNT1) ELISA Kit

CATALOG #
AAA330257

REACTIVITY
Human

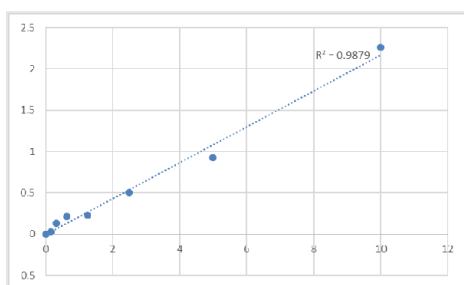
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Proto-oncogene Wnt-1 (WNT1) ELISA Kit 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
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Proto-oncogene Wnt-1 (WNT1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WNT1 elisa kit	Description: This Human Proto-oncogene Wnt-1 (WNT1) ELISA Kit employs a two-site sandwich ELISA to quantitate WNT1 in samples. An 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, Streptavidin 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. Background: The WNT gene family consists of structurally related genes which encode secreted signaling proteins. WNT1 is a member of the WNT gene family. It is very conserved in evolution, and the protein encoded by this gene is known to be 98% identical to the mouse Wnt1 protein at the amino acid level. The studies in mouse indicate that the Wnt1 protein functions in the induction of the mesencephalon and cerebellum. This gene was originally considered as a candidate gene for Joubert syndrome, an autosomal recessive disorder with cerebellar hypoplasia as a leading feature. However, further studies suggested that the gene mutations might not have a significant role in Joubert syndrome. This gene is clustered with another family member, WNT10B, in the chromosome 12q13 region.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885655
NCBI GeneID	7471
NCBI Accession #	NP_005421.1
NCBI GenBank Nucleotide #	NP_005421.1
UniProt Accession #	P04628
NCBI Official Full Name	proto-oncogene Wnt-1
NCBI Official Synonym Full Names	Wnt 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.