

Human Protein Wnt-2b (WNT2B) ELISA Kit | WNT2B elisa kit

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CATALOG #
AAA330254

REACTIVITY
Human

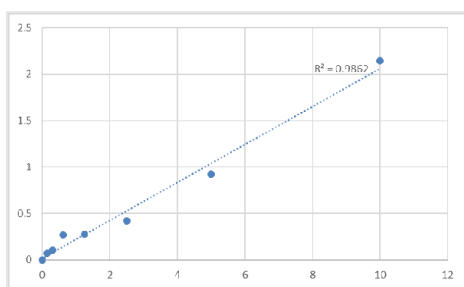
PRODUCT SYNONYMS

Protein Wnt-2b (WNT2B); Human Protein Wnt-2b (WNT2B) ELISA Kit; WNT2B; WNT13; XWNT2; Xenopus; homolog of; wingless-type MMTV integration site family; member 13; WNT2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein Wnt-2b (WNT2B) ELISA Kit has high sensitivity and excellent specificity for detection of Human WNT2B. No significant cross-reactivity or interference between Human WNT2B and analogues was observed.
Sequence Length	391
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 Protein Wnt-2b (WNT2B) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WNT2B elisa kit	Description: This Human Protein Wnt-2b (WNT2B) ELISA Kit employs a two-site sandwich ELISA to quantitate WNT2B in samples. An antibody specific for WNT2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT2B 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 WNT2B bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: WNT2B encodes a member of the wingless-type MMTV integration site (WNT) family of highly conserved, secreted signaling factors. WNT family members function in a variety of developmental processes including regulation of cell growth and differentiation and are characterized by a WNT-core domain. This gene may play a role in human development as well as human carcinogenesis. This gene produces two alternative transcript variants.WNT13 encodes a 372-amino acid polypeptide including a putative secretory signal peptide. Northern blot analysis revealed that WNT13 was expressed as a 2.5-kb mRNA in fetal brain, lung, and kidney. Unlike most other WNTs, which tend to have restricted expression in adult tissues, its transcript was found in a wide variety of adult tissues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14424481
NCBI GeneID	7482
UniProt Accession #	Q93097
NCBI Official Full Name	Protein Wnt-2b
NCBI Official Synonym Full Names	Wnt family member 2B
NCBI Official Symbol	WNT2B
NCBI Official Synonym Symbols	WNT13
NCBI Protein Information	protein Wnt-2b
UniProt Protein Name	Protein Wnt-2b
UniProt Gene Name	WNT2B
UniProt Synonym Gene Names	WNT13
UniProt Entry Name	WNT2B_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.