

Human Protein Wnt-2 (WNT2) ELISA Kit | WNT2 elisa kit

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CATALOG #
AAA330255

REACTIVITY
Human

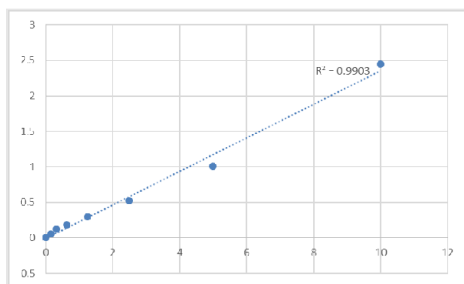
PRODUCT SYNONYMS

Protein Wnt-2 (WNT2); Human Protein Wnt-2 (WNT2) ELISA Kit; WNT2; INT1L1; IRP; Int-1-related protein; protein Wnt-2; secreted growth factor; WNT2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein Wnt-2 (WNT2) ELISA Kit has high sensitivity and excellent specificity for detection of Human WNT2. No significant cross-reactivity or interference between Human WNT2 and analogues was observed.
Sequence Length	360
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-2 (WNT2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WNT2 elisa kit	Description: This Human Protein Wnt-2 (WNT2) ELISA Kit employs a two-site sandwich ELISA to quantitate WNT2 in samples. An antibody specific for WNT2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT2 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 WNT2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: WNT2 is a member of the WNT gene family. The WNT gene family consists of structurally related genes which encode secreted signaling proteins which are involved in the Wnt signaling pathway. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Alternatively spliced transcript variants have been identified for this gene. The INT1-related protein is an additional member of the INT1 growth factor gene family. Because of its homology to protooncogene INT1, IRP is also symbolized INT1L1. IRP is expressed in a variety of fetal and adult human tissues that do not overlap with the pattern of expression of INT1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507927
NCBI GeneID	7472
NCBI Accession #	NP_003382.1
NCBI GenBank Nucleotide #	NP_003382.1
UniProt Accession #	P09544
NCBI Official Full Name	protein Wnt-2
NCBI Official Synonym Full Names	Wnt family member 2
NCBI Official Symbol	WNT2
NCBI Official Synonym Symbols	IRP; INT1L1
NCBI Protein Information	protein Wnt-2
UniProt Protein Name	Protein Wnt-2
UniProt Gene Name	WNT2
UniProt Synonym Gene Names	INT1L1; IRP; IRP
UniProt Entry Name	WNT2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/protein-wnt-2-wnt2/330255>