

Mouse Protein Wnt-16 (WNT16) ELISA Kit | WNT16 elisa kit

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CATALOG #
AAA332026

REACTIVITY
Mouse

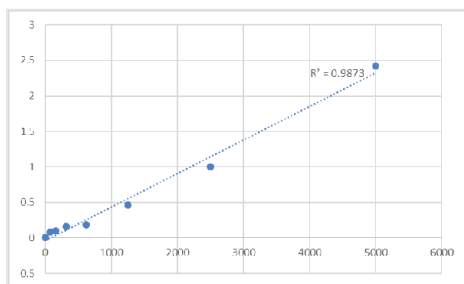
PRODUCT SYNONYMS

Protein Wnt-16 (WNT16); Mouse Protein Wnt-16 (WNT16) ELISA Kit; WNT16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Protein Wnt-16 (WNT16) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse WNT16. No significant cross-reactivity or interference between Mouse WNT16 and analogues was observed.
Sequence Length	364
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. Mouse Protein Wnt-16 (WNT16) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WNT16 elisa kit	Description: This Mouse Protein Wnt-16 (WNT16) ELISA Kit employs a two-site sandwich ELISA to quantitate WNT16 in samples. An antibody specific for WNT16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT16 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 WNT16 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 #	255683341
NCBI GeneID	93735
NCBI Accession #	NP_444346.3
NCBI GenBank Nucleotide #	NP_444346.3
UniProt Accession #	Q9QYS1
NCBI Official Full Name	protein Wnt-16
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 16
NCBI Official Symbol	Wnt16
NCBI Official Synonym Symbols	E130309I19Rik
NCBI Protein Information	protein Wnt-16
UniProt Protein Name	Protein Wnt-16
UniProt Gene Name	Wnt16

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.