

Human Protein Wnt-7a (WNT7A) ELISA Kit | WNT7A elisa kit

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CATALOG #
AAA330249

REACTIVITY
Human

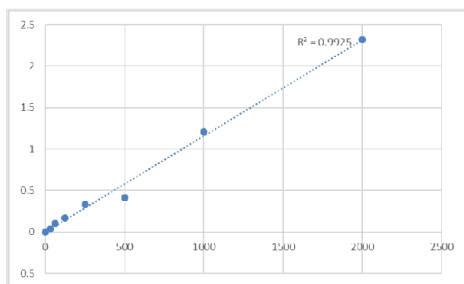
PRODUCT SYNONYMS

Protein Wnt-7a (WNT7A); Human Protein Wnt-7a (WNT7A) ELISA Kit; WNT7A; Proto-oncogene Wnt7a protein; WNT7A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein Wnt-7a (WNT7A) ELISA Kit has high sensitivity and excellent specificity for detection of Human WNT7A. No significant cross-reactivity or interference between Human WNT7A and analogues was observed.
Sequence Length	349
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-7a (WNT7A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WNT7A elisa kit	Description: This Human Protein Wnt-7a (WNT7A) ELISA Kit employs a two-site sandwich ELISA to quantitate WNT7A in samples. An antibody specific for WNT7A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT7A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT7A 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 WNT7A bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: WNT7A is a member of the WNT gene family, which consists of structurally related genes that encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. The WNT7A gene not only guides the development of the anterior-posterior axis in the female reproductive tract, but also plays a critical role in uterine smooth muscle patterning and maintenance of adult uterine function. WNT7A is also responsive to changes in the levels of sex steroid hormone in the female reproductive tract.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17505191
NCBI GeneID	7476
NCBI Accession #	NP_004616.2
NCBI GenBank Nucleotide #	NP_004616.2
UniProt Accession #	O00755
NCBI Official Full Name	protein Wnt-7a
NCBI Official Synonym Full Names	Wnt family member 7A
NCBI Official Symbol	WNT7A
NCBI Official Synonym Symbols	Wnt-7a
NCBI Protein Information	protein Wnt-7a
UniProt Protein Name	Protein Wnt-7a
UniProt Gene Name	WNT7A
UniProt Entry Name	WNT7A_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.