

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

Human Protein Wnt-7a (WNT7A) ELISA Kit

CATALOG #
AAA55601

REACTIVITY
Human

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay 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	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for WNT7A elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate WNT7A in Human serum, plasma, tissue homogenates. 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.

Intended Uses: For the quantitative detection of Human Protein Wnt-7a (WNT7A) concentration in serum, plasma, tissue homogenates and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17505191
NCBI GeneID	7476
NCBI Accession #	NP_004616.2
NCBI GenBank Nucleotide #	NM_004625.3

UniProt Accession #	O00755 ; Q96H90 ; Q9Y560
Molecular Weight	39,005 Da
NCBI Official Full Name	protein Wnt-7a
NCBI Official Synonym Full Names	Wnt family member 7A
NCBI Official Symbol	WNT7A
NCBI Protein Information	protein Wnt-7a
UniProt Protein Name	Protein Wnt-7a
UniProt Gene Name	WNT7A

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.

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Online datasheet: <https://www.aaabiotech.com/wnt7a-human-elisa-kits/protein-wnt-7a/55601>