

Human wingless-type MMTV integration site family, member 16 ELISA Kit | WNT16 elisa kit

Human Protein Wnt-16, WNT16 ELISA Kit

 CATALOG #
AAA112249

 REACTIVITY
Human

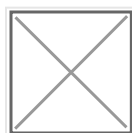
PRODUCT SYNONYMS

wingless-type MMTV integration site family; member 16; Human Protein Wnt-16; WNT16 ELISA Kit; Human Protein Wnt-16 (WNT16) ELISA kit; WNT16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human WNT16. No significant cross-reactivity or interference between human WNT16 and analogues was observed.
Sequence Length	355
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT16 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. 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, avidin 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[17402914](#)

NCBI GeneID	51384
NCBI Accession #	NP_057171.2
NCBI GenBank Nucleotide #	NM_016087.2
UniProt Accession #	Q9UBV4; Q2M3G1; Q9Y5C0
Molecular Weight	40,690 Da
NCBI Official Full Name	protein Wnt-16 isoform 2
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 16
NCBI Official Symbol	WNT16
NCBI Protein Information	protein Wnt-16; wingless-type MMTV integration site family member 16b
UniProt Protein Name	Protein Wnt-16
UniProt Gene Name	WNT16
UniProt Entry Name	WNT16_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.

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Online datasheet: <https://stage.aaabiotech.com/wnt16-human-elisa-kits/wingless-type-mmtv-integration-site-family-member-16/112249>