

Human wingless-type MMTV integration site family, member 5B ELISA Kit | WNT5B elisa kit

Human Protein Wnt-5b, WNT5B ELISA Kit

CATALOG #
AAA18346

REACTIVITY
Human

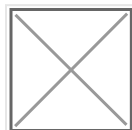
PRODUCT SYNONYMS

wingless-type MMTV integration site family; member 5B; Human Protein Wnt-5b; WNT5B ELISA Kit; Human Protein Wnt-5b (WNT5B) ELISA kit; MGC2648; WNT-5B protein; WNT5B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human WNT5B. No significant cross-reactivity or interference between human WNT5B and analogues was observed.
Sequence Length	359
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/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 WNT5B elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for WNT5B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT5B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT5B 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 WNT5B bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17402919
NCBI GeneID	81029
NCBI Accession #	NP_110402.2
NCBI GenBank Nucleotide #	NM_030775.2
UniProt Accession #	Q9H1J7; Q96S49; Q9BV04; A8K315; D3DUP9
Molecular Weight	40,323 Da
NCBI Official Full Name	protein Wnt-5b
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 5B
NCBI Official Symbol	WNT5B
NCBI Protein Information	protein Wnt-5b; WNT-5B protein
UniProt Protein Name	Protein Wnt-5b
UniProt Gene Name	WNT5B
UniProt Entry Name	WNT5B_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/wnt5b-human-elisa-kits/wingless-type-mmtv-integration-site-family-member-5b/18346>