

Human Wingless Type MMTV Integration Site Family, Member 7B (WNT7B) ELISA Kit | WNT7B elisa kit

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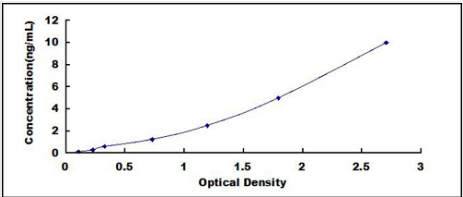
CATALOG # AAA187895	REACTIVITY Human
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PRODUCT SYNONYMS

Wingless Type MMTV Integration Site Family; Member 7B (WNT7B); Human Wingless Type MMTV Integration Site Family; Member 7B (WNT7B) ELISA Kit; WNT7B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Wingless Type MMTV Integration Site Family, Member 7B (WNT7B). No significant cross-reactivity or interference between Wingless Type MMTV Integration Site Family, Member 7B (WNT7B) and analogues was observed.
Sequence Length	349
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.053ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Wingless Type MMTV Integration Site Family, Member 7B (WNT7B) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Wingless Type MMTV Integration Site Family, Member 7B (WNT7B) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT7B elisa kit

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Wingless Type MMTV Integration Site Family, Member 7B (WNT7B). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Wingless Type MMTV Integration Site Family, Member 7B (WNT7B). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Wingless Type MMTV Integration Site Family, Member 7B (WNT7B), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Wingless Type MMTV Integration Site Family, Member 7B (WNT7B) in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119593800
NCBI GeneID	7477
UniProt Accession #	P56706; Q96Q12; B8A596
Molecular Weight	39,327 Da
NCBI Official Full Name	wingless-type MMTV integration site family, member 7B
NCBI Official Synonym Full Names	Wnt family member 7B
NCBI Official Symbol	WNT7B
NCBI Protein Information	protein Wnt-7b
UniProt Protein Name	Protein Wnt-7b
UniProt Gene Name	WNT7B

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.