

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

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CATALOG # AAA189144	REACTIVITY Human	APPLICATIONS CLIA (Chemiluminescence Immunoassay)
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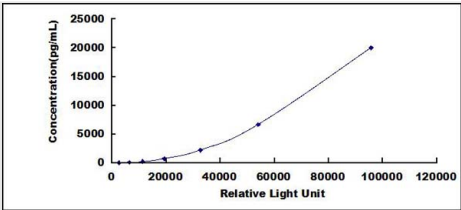
PRODUCT SYNONYMS

Wingless Type MMTV Integration Site Family; Member 7B (WNT7B); Human Wingless Type MMTV Integration Site Family; Member 7B (WNT7B) CLIA Kit; Member 7B; WNT7B clia 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	27.4-20,000pg/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 9.9pg/mL
Applicable Applications for WNT7B clia kit	CLIA (Chemiluminescence Immunoassay)
Precision	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%
Test Principle	The microplate 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 microplate 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. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Wingless Type MMTV Integration Site Family, Member 7B (WNT7B) level in the sample or standard.
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.

IMAGES



Standard Curve (Sample)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15721869
NCBI GeneID	7477
UniProt Accession #	P56706
NCBI Official Full Name	WNT7B
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.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/wingless-type-mmtv-integration-site-family-member-7b-wnt7b/189144>