

Human Wingless Type MMTV Integration Site Family, Member 5A (WNT5A) ELISA Kit | WNT5A elisa kit

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CATALOG # AAA187897	REACTIVITY Human
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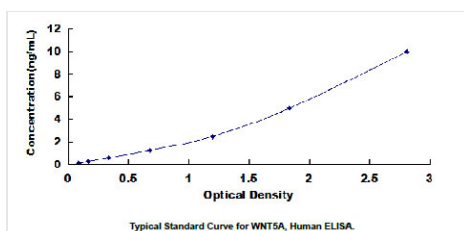
PRODUCT SYNONYMS

Wingless Type MMTV Integration Site Family; Member 5A (WNT5A); Human Wingless Type MMTV Integration Site Family; Member 5A (WNT5A) ELISA Kit; WNT5A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity for detection of WNT3A. 100% cross-reactivity of WNT3A was observed among human, mouse and rat.
Sequence Length	365
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level WNT3A were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level WNT3A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT5A elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of WNT3A in tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Due to the 95% homology of the sequence among different species, the kit can be used to detect human, mouse and rat samples. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to WNT3A. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to WNT3A. 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 WNT3A, 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 WNT3A in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1307742036
NCBI GeneID	102089531
NCBI Official Full Name	wingless-type MMTV integration site family, member 5A
NCBI Official Symbol	WNT5A
NCBI Protein Information	protein Wnt-5a

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/wingless-type-mmtv-integration-site-family-member-5a-wnt5a/187897>