Human Wingless Type MMTV Integration Site Family, Member 11 (WNT11) ELISA Kit | WNT11 elisa kit

Human Wingless Type MMTV Integration Site Family, Member 11 (WNT11) ELISA Kit

CATALOG #	REACTIVITY
AAA64429	**Human**

PRODUCT SYNONYMS

Wingless Type MMTV Integration Site Family; Member 11 (WNT11); Human Wingless Type MMTV Integration Site Family; Member 11 (WNT11) ELISA Kit; WNT11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WNT11. No significant cross-reactivity or interference between WNT11 and analogues was observed.
Sequence Length	354
Samples	Tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level WNT11 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 WNT11 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT11 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of WNT11 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to WNT11. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to WNT11. 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 WNT11, 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 WNT11 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	17017974
NCBI GeneID	7481
NCBI Accession #	NP_004617.2
NCBI GenBank Nucleotide #	NM_004626.2
UniProt Accession #	O96014; Q14DE8; Q8WZ98; B2R8Z6
Molecular Weight	39,179 Da
NCBI Official Full Name	protein Wnt-11
NCBI Official Synonym Full Names	Wnt family member 11
NCBI Official Symbol	WNT11
NCBI Official Synonym Symbols	HWNT11
NCBI Protein Information	protein Wnt-11
UniProt Protein Name	Protein Wnt-11
UniProt Gene Name	**WNT11**

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-elisa-kits/wingless-type-mmtv-integration-site-family-member-11-wnt11/64429