

Wingless Type MMTV Integration Site Family, Member 1 (WNT1) ELISA Kit | WNT1 elisa kit

Rat Wingless Type MMTV Integration Site Family, Member 1 (WNT1) ELISA Kit

CATALOG #
AAA188310

REACTIVITY
Rat

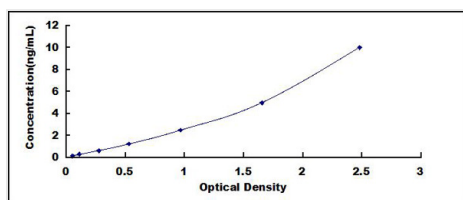
PRODUCT SYNONYMS

Wingless Type MMTV Integration Site Family; Member 1 (WNT1); Rat Wingless Type MMTV Integration Site Family; Member 1 (WNT1) ELISA Kit; INT1; Proto-oncogene Int-1 homolog; WNT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Wingless Type MMTV Integration Site Family, Member 1 (WNT1). No significant cross-reactivity or interference between Wingless Type MMTV Integration Site Family, Member 1 (WNT1) and analogues was observed.
Sequence Length	370
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.055ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Wingless Type MMTV Integration Site Family, Member 1 (WNT1) 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 1 (WNT1) 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT1 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 1 (WNT1). 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 1 (WNT1). 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 1 (WNT1), 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 1 (WNT1) 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 #	119578434
NCBI GeneID	7471
NCBI Official Full Name	wingless-type MMTV integration site family, member 1
NCBI Official Synonym Full Names	Wnt family member 1
NCBI Official Symbol	WNT1
NCBI Official Synonym Symbols	INT1; OI15; BMND16
NCBI Protein Information	proto-oncogene Wnt-1

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/rat-elisa-kits/wingless-type-mmtv-integration-site-family-member-1-wnt1/188310>