

Mouse wingless-type MMTV integration site family, member 3 ELISA Kit | WNT3 elisa kit

Mouse Proto-oncogene Wnt-3, WNT3 ELISA Kit

CATALOG #
AAA112381

REACTIVITY
Mouse

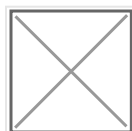
PRODUCT SYNONYMS

wingless-type MMTV integration site family; member 3; Mouse Proto-oncogene Wnt-3; WNT3 ELISA Kit; Mouse Proto-oncogene Wnt-3 (WNT3) ELISA kit; INT4; MGC131950; MGC138321; MGC138323; WNT-3 proto-oncogene protein; WNT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse WNT3. No significant cross-reactivity or interference between mouse WNT3 and analogues was observed.
Sequence Length	355
Samples	Serum, plasma, tissue homogenates and Cell lysates
Assay Type	Sandwich
Detection Range	39.07 pg/ml -2500 pg/ml.
Sensitivity	The minimum detectable dose of mouse WNT3 is typically less than 9.77 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WNT3 elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for WNT3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of WNT3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678593
NCBI GeneID	22415
NCBI Accession #	NP_033547.1
NCBI GenBank Nucleotide #	NM_009521.2
UniProt Accession #	P17553
Molecular Weight	39,659 Da
NCBI Official Full Name	proto-oncogene Wnt-3
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 3
NCBI Official Symbol	Wnt3
NCBI Official Synonym Symbols	Int-4; Wnt-3
NCBI Protein Information	proto-oncogene Wnt-3; proto-oncogene Int-4; proto-oncogene protein Wnt-3; wingless-related MMTV integration site 3
UniProt Protein Name	Proto-oncogene Wnt-3
UniProt Gene Name	Wnt3
UniProt Synonym Gene Names	Int-4; Wnt-3
UniProt Entry Name	WNT3_MOUSE

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/wnt3-mouse-elisa-kits/wingless-type-mmtv-integration-site-family-member-3/112381>