

Mouse wingless-type MMTV integration site family, member 4 ELISA Kit | WNT4 elisa kit

Mouse Protein Wnt-4, WNT4 ELISA Kit

CATALOG #
AAA112292

REACTIVITY
Mouse

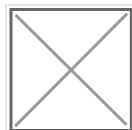
PRODUCT SYNONYMS

wingless-type MMTV integration site family; member 4; Mouse Protein Wnt-4; WNT4 ELISA Kit; Mouse Protein Wnt-4 (WNT4) ELISA kit; RP1-224A6.7; SERKAL; WNT-4; WNT-4 protein; WNT4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse WNT4. No significant cross-reactivity or interference between mouse WNT4 and analogues was observed.
Sequence Length	351
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
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 WNT4 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for WNT4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WNT4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WNT4 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 WNT4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6678595
NCBI GeneID	22417
NCBI Accession #	NP_033549.1
NCBI GenBank Nucleotide #	NM_009523.2
UniProt Accession #	P22724
Molecular Weight	39,050 Da
NCBI Official Full Name	protein Wnt-4
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 4
NCBI Official Symbol	Wnt4
NCBI Official Synonym Symbols	Wnt-4
NCBI Protein Information	protein Wnt-4; signal molecule; wingless-related MMTV integration site 4
UniProt Protein Name	Protein Wnt-4
UniProt Gene Name	Wnt4
UniProt Synonym Gene Names	Wnt-4
UniProt Entry Name	WNT4_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/wnt4-mouse-elisa-kits/wingless-type-mmtv-integration-site-family-member-4/112292>