

Mouse Protein Wnt-3a ELISA Kit | Wnt3a elisa kit

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CATALOG #
AAA17320

REACTIVITY
Mouse

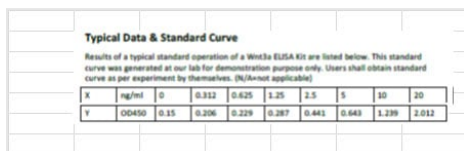
PRODUCT SYNONYMS

Protein Wnt-3a; Mouse Protein Wnt-3a ELISA Kit; Wnt3a/WNT3A/MGC119418/MGC119419/MGC119420/protein Wnt-3a/wingless-type MMTV integration site family; member 3A; Wnt3a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Wnt3a. No significant cross-reactivity or interference between Wnt3a and analogues was observed.
Sequence Length	352
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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<8%
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<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Wnt3a elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Wnt3a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- Wnt3a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Wnt3a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Wnt3a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14916475
NCBI GeneID	89780
NCBI Accession #	NP_149122.1
NCBI GenBank Nucleotide #	NM_033131.3
Molecular Weight	42,905 Da
NCBI Official Full Name	protein Wnt-3a
NCBI Official Synonym Full Names	wingless-type MMTV integration site family member 3A
NCBI Official Symbol	WNT3A
NCBI Protein Information	protein Wnt-3a
UniProt Protein Name	Protein Wnt-3a
UniProt Gene Name	WNT3A
UniProt Entry Name	WNT3A_HUMAN

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/wnt3a-mouse-elisa-kits/protein-wnt-3a/17320>