

Mouse Insulin Like Growth Factor 1 (IGF-1) ELISA Kit | IGF-1 elisa kit

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CATALOG #
AAA53103

REACTIVITY
Mouse

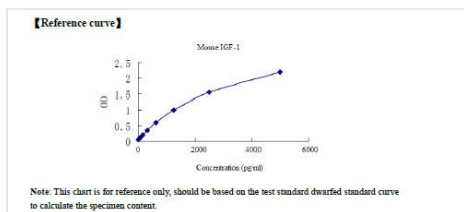
PRODUCT SYNONYMS

Insulin Like Growth Factor 1 (IGF-1); Mouse Insulin Like Growth Factor 1 (IGF-1) ELISA Kit; IGF-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	154
Samples	Mouse serum, plasma or cell culture supernatant and organizations in the natural and recombinant IGF-1 concentration
Assay Type	Sandwich
Detection Range	5000 pg/ml-78 pg/ml
Sensitivity	20 pg/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF-1 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Mouse IGF-1 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[118150782](#)

NCBI GeneID	281239
NCBI Accession #	NP_001071296.1
NCBI GenBank Nucleotide #	NM_001077828.1
Molecular Weight	17,066 Da
NCBI Official Full Name	insulin-like growth factor I preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 1 (somatomedin C)
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGF-1; IGF-I
NCBI Protein Information	insulin-like growth factor I; somatomedin; prepro-IGF-I; insulin growth factor-1; insulin like growth factor 1; insulin-like growth factor-1; insulin-like growth factor I variant 1; insulin-like growth factor I (somatomedin C); class 1 insulin-like growth factor I preproprotein
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	IGF1
UniProt Synonym Gene Names	IGF-I
UniProt Entry Name	IGF1_BOVIN

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://www.aaabiotech.com/mouse-elisa-kits/insulin-like-growth-factor-1-igf-1/53103>