

Mouse IGF1 (Insulin Like Growth Factor 1) ELISA Kit | IGF1 elisa kit

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CATALOG #
AAA278058

REACTIVITY
Mouse

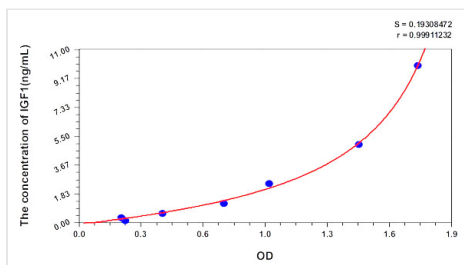
PRODUCT SYNONYMS

IGF1 (Insulin Like Growth Factor 1); Mouse IGF1 (Insulin Like Growth Factor 1) ELISA Kit; IGF1; IGF1A; IBP1; MGF; Somatomedin C; Mechano Growth Gactor; IGF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	15.63-1000ng/mL
Sensitivity	5.9ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF1 elisa kit

Test Principle: 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 Mouse IGF1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IGF1. 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 Mouse IGF1, 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 Mouse IGF1 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for IGF1 elisa kit

[Tumor immunity](#); [Endocrinology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	163659894
NCBI GeneID	16000

NCBI Accession #	NP_001104745.1
NCBI GenBank Nucleotide #	NM_001111275.1
UniProt Accession #	P05017; P05018; Q6LDP4; Q8C4U6
Molecular Weight	17,623 Da
NCBI Official Full Name	insulin-like growth factor I isoform 4 preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 1
NCBI Official Symbol	Igf1
NCBI Official Synonym Symbols	Igf-1; Igf-I; C730016P09Rik
NCBI Protein Information	insulin-like growth factor I; somatomedin
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	Igf1
UniProt Synonym Gene Names	Igf-1; IGF-I
UniProt Entry Name	IGF1_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://www.aaabiotech.com/mouse-elisa-kits/igf1-insulin-like-growth-factor-1/278058>