

Mouse Insulin-like growth factor 2, IGF-2 ELISA Kit | IGF-2 elisa kit

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CATALOG #
AAA41829

REACTIVITY
Mouse

PRODUCT SYNONYMS

Insulin-like growth factor 2; IGF-2; Mouse Insulin-like growth factor 2; IGF-2 ELISA Kit; IGF-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	191
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 1500ng/ml
Sensitivity	0.28ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF-2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Insulin-like Growth Factor 2 (also known as IGF-2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse IGF-2 antibody. IGF-2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse IGF-2 Antibody is added and binds to IGF-2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated IGF-2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse IGF-2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	298231180
NCBI GeneID	16002
NCBI Accession #	NP_034644.2
NCBI GenBank Nucleotide #	NM_010514.3
UniProt Accession #	P09535; E9QLW5
Molecular Weight	21,061 Da
NCBI Official Full Name	insulin-like growth factor II isoform 1
NCBI Official Synonym Full Names	insulin-like growth factor 2
NCBI Official Symbol	Igf2
NCBI Official Synonym Symbols	Mpr; M6pr; Peg2; Igf-2; Igf-II; AL033362
NCBI Protein Information	insulin-like growth factor II
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	Igf2
UniProt Synonym Gene Names	Igf-2

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/mouse-elisa-kits/insulin-like-growth-factor-2-igf-2/41829>