

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

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CATALOG #
AAA278057

REACTIVITY
Human

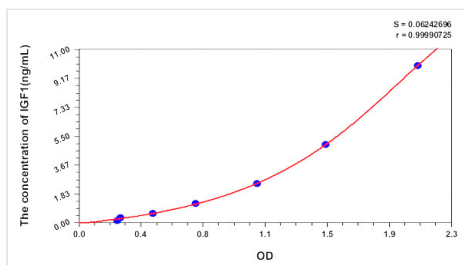
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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 Human IGF1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human 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 #	163659903
NCBI GeneID	3479

NCBI Accession #	NP_001104755.1
NCBI GenBank Nucleotide #	NM_001111285.1
UniProt Accession #	P05019 ; P01343 ; Q14620 ; B2RWM7 ; E9PD02
Molecular Weight	21,841 Da
NCBI Official Full Name	insulin-like growth factor 1 isoform 3 preproprotein
NCBI Official Synonym Full Names	insulin-like growth factor 1 (somatomedin C)
NCBI Official Symbol	IGF1
NCBI Official Synonym Symbols	IGFI; IGF-I; IGF1A
NCBI Protein Information	insulin-like growth factor 1; MGF; IGF-IA; IGF-IB; somatomedin-C; mechano growth factor; insulin-like growth factor I; insulin-like growth factor IA; insulin-like growth factor IB
UniProt Protein Name	Insulin-like growth factor I
UniProt Gene Name	IGF1
UniProt Synonym Gene Names	IBP1; IGF-I; MGF
UniProt Entry Name	IGF1_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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/igf1-insulin-like-growth-factor-1/278057>