

Rat IGF-2 ELISA Kit | IGF-2 elisa kit

Rat IGF-2 PicoKine Quick ELISA Kit

CATALOG # AAA128047	REACTIVITY Rat	APPLICATIONS ELISA
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PRODUCT SYNONYMS

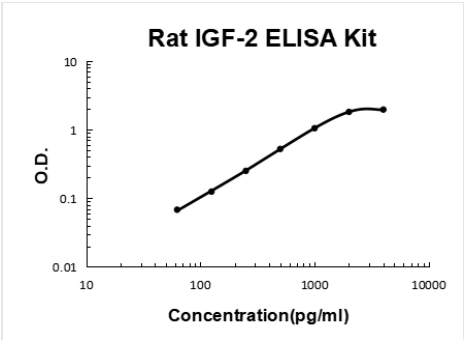
IGF-2; Rat IGF-2 PicoKine Quick ELISA Kit; Insulin-like growth factor II; IGF-II; Multiplication-stimulating activity; MSA; Multiplication-stimulating polypeptide; Preptin; Igf2; Igf-2; IGF-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	cell culture supernatants, cell lysates, serum and plasma (heparin, EDTA)
Assay Range	62.5pg/ml-4,000pg/ml
Sensitivity	<5pg/ml
Capture antibody and Detection antibody	monoclonal antibody from mouse polyclonal antibody from goat
Immunogen	Expression system for standard: E coli; Immunogen sequence: A25-E91
Anticoagulant	heparin or EDTA
Cross Reactivity	There is no detectable cross-reactivity with other relevant proteins.
Applicable Applications for IGF-2 elisa kit	ELISA
Kit Components	Description/Quantity Pre-coated 96-well strip microplate/1 Standard/2 vials, 10 ng/tube Biotinylated antibody (100x)/100ul Avidin-Biotin-Peroxidase Complex (100x)/100ul Sample Diluent/30ml Antibody Diluent/12ml Avidin-Biotin-Peroxidase Diluent/12ml Color Developing Reagent (TMB)/10ml Stop Solution/10ml Wash Buffer (25x)/20ml Adhesive plate sealers/4
Materials Required But Not Provided	Microplate Reader capable of reading absorbance at 450nm. Incubator. Automated plate washer (optional). Pipettes and pipette tips capable of precisely dispensing 0.5ul through 1ml volumes of aqueous solutions. Multichannel pipettes are recommended for large amount of samples. Deionized or distilled water. 500ml graduated cylinders. Test tubes for dilution.
Sample Data	Concentration (pg/ml)062.51252505001000200040000.D.0.0650.1330.1900.3160.5891.1171.8852.032
Intra Assay Consistency & Inter Assay Consistency	Intra-Assay PrecisionInter-Assay PrecisionSample123123n161616242424Mean (pg/ml)14468417631536841731Standard deviation5.7633.5184.627.6545.82114.24CV (%)4%4.9%4.8%5%6.7%6.6%

Reproducibility	LotsLot 1 (pg/ml)Lot 2 (pg/ml)Lot 3 (pg/ml)Lot 4 (pg/ml)Mean (pg/ml)Standard DeviationCV (%)Sample 11441611581441517.825.1%Sample 268471081769572653.057.3%Sample 31763168816471661168944.782.6%*number of samples for each test n=16.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Ships with gel ice, can store for up to 3 days in room temperature. Freeze upon receiving.)

IMAGES



Standard Curve (Sample)
Rat IGF-2 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for IGF-2 elisa kit	The brand Picokine indicates this is a premium quality ELISA kit. Each Picokine kit delivers precise quantification, high sensitivity, and excellent reproducibility. Only our most reliable and effective kits qualify as Picokine, guaranteeing top-tier results for your assays.
Product Categories/Family for IGF-2 elisa kit	Quick ELISA Kits

NCBI AND UNIPROT INFORMATION

NCBI GI #	124258
NCBI GeneID	24483
UniProt Accession #	P01346
Molecular Weight	20,086 Da
NCBI Official Full Name	Insulin-like growth factor II
NCBI Official Synonym Full Names	insulin-like growth factor 2
NCBI Official Symbol	Igf2
NCBI Official Synonym Symbols	IGFII; RNIGF2
NCBI Protein Information	insulin-like growth factor II; MSA; IGF-II; multiplication-stimulating activity; insulin-like growth factor II (IGF-II); multiplication-stimulating polypeptide; Insulin-like growth factor II (somatomedin A); insulin-like growth factor II isoform 2 variant
UniProt Protein Name	Insulin-like growth factor II
UniProt Gene Name	Igf2
UniProt Synonym Gene Names	Igf-2; IGF-II; MSA
UniProt Entry Name	IGF2_RAT

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/rat-elisa-kits/igf-2/128047>