

Human Insulin Like Growth Factor 2 mRNA Binding Protein 3 ELISA Kit | IGF2BP3 elisa kit

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CATALOG #
AAA100027

REACTIVITY
Human

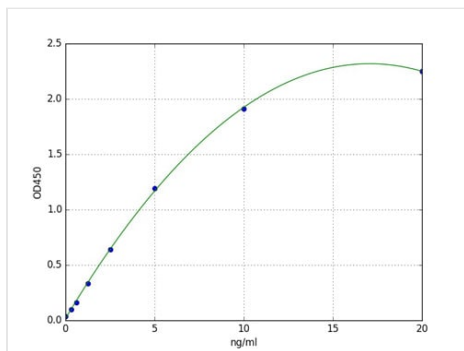
PRODUCT SYNONYMS

Insulin Like Growth Factor 2 mRNA Binding Protein 3; Human Insulin Like Growth Factor 2 mRNA Binding Protein 3 ELISA Kit; IGF2BP3/Insulin-like growth factor 2 mRNA-binding protein 3 (IGF2 mRNA-binding protein 3/IMP-3)/VICKZ family member 3/IGF-II mRNA-binding protein 3/KH domain-containing protein overexpressed in cancer (hKOC)/IMP3/KOC1/VICKZ3; IGF2BP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	579
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human IGF2BP3 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.124	0.233	0.415	0.638	1.016	1.361	2.013

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGF2BP3 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human IGF2BP3 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human IGF2BP3 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IGF2BP3 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human IGF2BP3 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	30795212
NCBI GeneID	10643
NCBI Accession #	NP_006538.2
NCBI GenBank Nucleotide #	NM_006547.2
Molecular Weight	21,630 Da
NCBI Official Full Name	insulin-like growth factor 2 mRNA-binding protein 3
NCBI Official Synonym Full Names	insulin like growth factor 2 mRNA binding protein 3
NCBI Official Symbol	IGF2BP3
NCBI Official Synonym Symbols	KOC; CT98; IMP3; KOC1; IMP-3; VICKZ3
NCBI Protein Information	insulin-like growth factor 2 mRNA-binding protein 3
UniProt Protein Name	Insulin-like growth factor 2 mRNA-binding protein 3
UniProt Gene Name	IGF2BP3
UniProt Synonym Gene Names	IMP3; KOC1; VICKZ3; IGF2 mRNA-binding protein 3; IMP-3; hKOC
UniProt Entry Name	IF2B3_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://stage.aaabiotech.com/igf2bp3-human-elisa-kits/insulin-like-growth-factor-2-mrna-binding-protein-3/100027>