

Human Hemojuvelin ELISA Kit | HFE2 elisa kit

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CATALOG #
AAA99290

REACTIVITY
Human

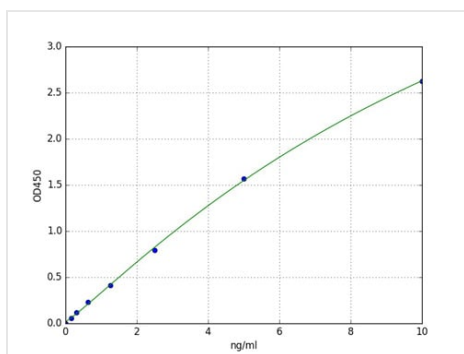
PRODUCT SYNONYMS

Hemojuvelin; Human Hemojuvelin ELISA Kit; HJV/HFE2/Hemojuvelin/Hemochromatosis Type 2/RGM-C/DL-M/JH/haemojuvelin/HJVBHemochromatosis type 2 protein/repulsive guidance molecule c/RGMC RGM domain family member C; HFE2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	420
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 HJV 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	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.085	0.175	0.261	0.414	0.708	1.095	1.592	2.032

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HFE2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human HJV antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HJV 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 HJV amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HJV can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166295198
NCBI GeneID	69585
NCBI Accession #	NP_081402.3
NCBI GenBank Nucleotide #	NM_027126.4
Molecular Weight	21,648 Da
NCBI Official Full Name	hemojuvelin
NCBI Official Synonym Full Names	hemochromatosis type 2 (juvenile)
NCBI Official Symbol	Hfe2
NCBI Official Synonym Symbols	HJV; DL-M; Rgmc; AI414844; AI789733; hemojuvelin; 2310035L15Rik; 5230400G09Rik
NCBI Protein Information	hemojuvelin
UniProt Protein Name	Hemojuvelin
UniProt Gene Name	Hfe2
UniProt Synonym Gene Names	Rgmc
UniProt Entry Name	RGMC_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://stage.aaabiotech.com/hfe2-human-elisa-kits/hemojuvelin/99290>