

Human Hemojuvelin ELISA Kit | HJV elisa kit

Human Hemojuvelin ELISA Kit

CATALOG #
AAA16529

REACTIVITY
Human

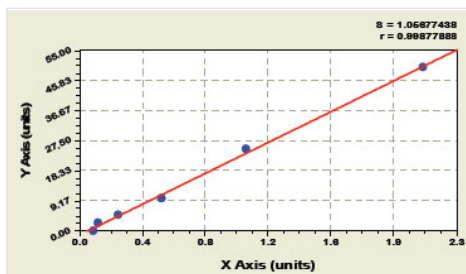
PRODUCT SYNONYMS

Hemojuvelin; Human Hemojuvelin ELISA Kit; HJV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive or Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HJV elisa kit
Intended Uses: This HJV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human HJV. This ELISA kit for research use only!

Principle of the Assay: HJV ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for HJV. Standards or samples are then added to the microtiter plate wells and HJV if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HJV present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for HJV are added to each well to "sandwich" the HJV immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HJV and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HJV concentration in each sample is interpolated from this standard curve.

Product Categories/Family for HJV elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	47458048
NCBI GeneID	148738
NCBI Accession #	NP_998818.1
NCBI GenBank Nucleotide #	NM_213653.3
Molecular Weight	21,463 Da
NCBI Official Full Name	hemojuvelin isoform a
NCBI Official Synonym Full Names	hemochromatosis type 2 (juvenile)
NCBI Official Symbol	HFE2
NCBI Official Synonym Symbols	JH; HJV; RGMC; HFE2A
NCBI Protein Information	hemojuvelin; haemojuvelin; RGM domain family member C; repulsive guidance molecule c; hemochromatosis type 2 protein
UniProt Protein Name	Hemojuvelin
UniProt Gene Name	HFE2
UniProt Synonym Gene Names	HJV; RGMC
UniProt Entry Name	RGMC_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/hjv-human-elisa-kits/hemojuvelin/16529>