

Monkey Hemojuvelin ELISA Kit | HJV elisa kit

Monkey Hemojuvelin ELISA Kit

CATALOG #
AAA93721

REACTIVITY
Monkey

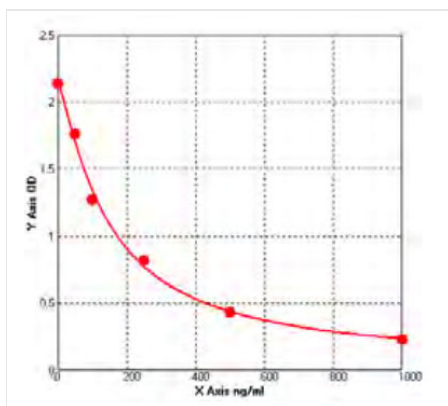
PRODUCT SYNONYMS

Hemojuvelin; Monkey Hemojuvelin ELISA Kit; HJV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of HJV. No significant cross-reactivity or interference between HJV and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between HJV and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/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	Principle of the Assay: HJV ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HJV antibody and an HJV-HRP conjugate. The assay sample and buffer are incubated together with HJV-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the HJV concentration since HJV from samples and HJV-HRP conjugate compete for the anti-HJV antibody binding site. Since the number of sites is limited, as more sites are occupied by HJV from the sample, fewer sites are left to bind HJV-HRP conjugate. 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. Intended Uses: This HJV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey HJV. This ELISA kit for research use only, not for therapeutic or test applications!
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-monkey-elisa-kits/hemojuvelin/93721>