

Porcine Hemojuvelin ELISA Kit | HJV elisa kit

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CATALOG #
AAA90195

REACTIVITY
Porcine

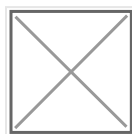
PRODUCT SYNONYMS

Hemojuvelin; Porcine Hemojuvelin ELISA Kit; HJV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 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

Intended Uses: This HIS ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat HIS. This ELISA kit for research use only!

Principle of the Assay: HIS ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-HIS antibody and an HIS-HRP conjugate. The assay sample and buffer are incubated together with HIS-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 HIS concentration since HIS from samples and HIS-HRP conjugate compete for the anti-HIS antibody binding site. Since the number of sites is limited, as more sites are occupied by HIS from the sample, fewer sites are left to bind HIS-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HIS 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-porcine-elisa-kits/hemojuvelin/90195>