Sheep Hemojuvelin ELISA Kit | HJV elisa kit

Sheep Hemojuvelin ELISA Kit

CATALOG #	REACTIVITY
AAA92509	**Sheep**

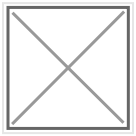
PRODUCT SYNONYMS

Hemojuvelin; Sheep Hemojuvelin ELISA Kit; HJV elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	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 HJV ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Sheep HJV. This ELISA kit for research use only! **Principle of the Assay:** HJV ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.
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-sheep-elisa-kits/hemojuvelin/92509