Mouse Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein ELISA Kit | Herpud1 elisa kit

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CATALOG #	REACTIVITY
AAA56094	**Mouse**

PRODUCT SYNONYMS

Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein; Mouse Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein ELISA Kit; Herpud1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein. No significant cross-reactivity or interference was observed.
Sequence Length	391
Assay Type	Sandwich
Detection Range	0.312-20 ng/ml
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=7.7%
Recovery	96%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Herpud1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	11612515
NCBI GeneID	64209
NCBI Accession #	NP_071726.1
NCBI GenBank Nucleotide #	NM_022331.1
UniProt Accession #	Q9JJK5
Molecular Weight	43,907 Da
NCBI Official Full Name	homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein
NCBI Official Synonym Full Names	homocysteine-inducible, endoplasmic reticulum stress-inducible, ubiquitin-like domain member 1
NCBI Official Symbol	Herpud1
NCBI Official Synonym Symbols	SUP; Herp; Mifl
NCBI Protein Information	homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein
UniProt Protein Name	Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein
UniProt Gene Name	**Herpud1**
UniProt Entry Name	HERP1_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/herpud1-mouse-elisa-kits/homocysteine-responsive-endoplasmic-reticulum-resident-ubiquitin-like-domain-member-1-protein/56094