

Mouse HDL ELISA Kit | HDL elisa kit

Mouse HDL (High Density Lipoprotein) ELISA Kit

CATALOG #
AAA21702

REACTIVITY
Mouse

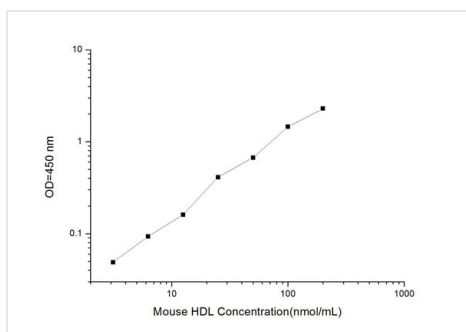
PRODUCT SYNONYMS

HDL; Mouse HDL (High Density Lipoprotein) ELISA Kit; HDL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes Mouse HDL in samples. No significant cross-reactivity or interference between Mouse HDL and analogues was observed.
Sequence Length	292
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	3.13-200nmol/mL
Sensitivity	1.88nmol/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Mouse HDL were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Mouse HDL were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HDL elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse HDL. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Mouse HDL and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse HDL, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Mouse HDL. You can calculate the concentration of Mouse HDL in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Mouse HDL concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15214912
NCBI GeneID	3290
UniProt Accession #	P28845; B2R9Z1; D3DT89
Molecular Weight	32,401 Da
NCBI Official Full Name	Hydroxysteroid (11-beta) dehydrogenase 1
NCBI Official Synonym Full Names	hydroxysteroid (11-beta) dehydrogenase 1
NCBI Official Symbol	HSD11B1
NCBI Official Synonym Symbols	HDL; 11-DH; HSD11; HSD11B; HSD11L; CORTRD2; SDR26C1; 11-beta-HSD1
NCBI Protein Information	corticosteroid 11-beta-dehydrogenase isozyme 1; short chain dehydrogenase/reductase family 26C, member 1
UniProt Protein Name	Corticosteroid 11-beta-dehydrogenase isozyme 1
UniProt Gene Name	HSD11B1
UniProt Synonym Gene Names	HSD11; HSD11L; 11-DH; 11-beta-HSD1
UniProt Entry Name	DHI1_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.