

Human Asialoglycoprotein Receptor 2 (ASGR2) ELISA Kit | ASGR2 elisa kit

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CATALOG #
AAA65205

REACTIVITY
Human

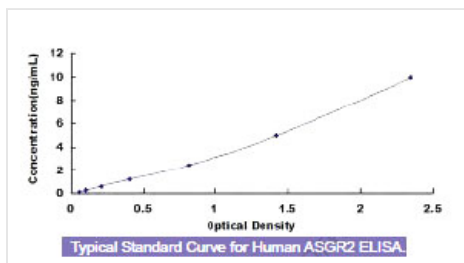
PRODUCT SYNONYMS

Asialoglycoprotein Receptor 2 (ASGR2); Human Asialoglycoprotein Receptor 2 (ASGR2) ELISA Kit; CLEC4H2; Asialoglyco Protein Receptor 2; C-type lectin domain family 4 member H2; Hepatic lectin H2; ASGR2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ASGR2. No significant cross-reactivity or interference between ASGR2 and analogues was observed.
Sequence Length	311
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.049ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ASGR2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ASGR2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASGR2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ASGR2 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ASGR2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ASGR2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ASGR2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ASGR2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502253
NCBI GeneID	433
NCBI Accession #	NP_001172.1
NCBI GenBank Nucleotide #	NM_001181.4
UniProt Accession #	P07307; O00448; Q03969; A6NLV8; A8MT12; D3DTM9; D3DTN0
Molecular Weight	32,550 Da
NCBI Official Full Name	asialoglycoprotein receptor 2 isoform a
NCBI Official Synonym Full Names	asialoglycoprotein receptor 2
NCBI Official Symbol	ASGR2
NCBI Official Synonym Symbols	HL-2; HBXBP; ASGPR2; ASGP-R2; CLEC4H2
NCBI Protein Information	asialoglycoprotein receptor 2
UniProt Protein Name	Asialoglycoprotein receptor 2
UniProt Gene Name	ASGR2
UniProt Synonym Gene Names	CLEC4H2; ASGP-R 2; ASGPR 2; HL-2

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/human-elisa-kits/asialoglycoprotein-receptor-2-asgr2/65205>