

Human Sulfatase 1 (SULF1) ELISA Kit | SULF1 elisa kit

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CATALOG #
AAA66196

REACTIVITY
Human

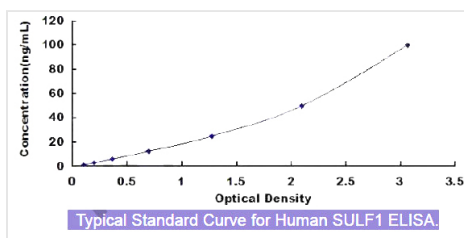
PRODUCT SYNONYMS

Sulfatase 1 (SULF1); Human Sulfatase 1 (SULF1) ELISA Kit; Beta-chemokine exodus-1; CC chemokine LARC; CC chemokine ST38; C-C motif chemokine 20; Ccl20; Liver and activation-regulated chemokine; Macrophage inflammatory protein 3 alpha; MIP-3-alpha; SULF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SULF1. No significant cross-reactivity or interference between SULF1 and analogues was observed.
Sequence Length	871
Assay Type	Quantitative Sandwich
Samples	Human serum, plasma, tissue homogenates or other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.62ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SULF1 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 SULF1 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 SULF1 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SULF1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SULF1. 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 SULF1, 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 SULF1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of SULF1 in human serum, plasma, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	189571638
NCBI GeneID	23213
NCBI Accession #	NP_001121676.1
NCBI GenBank Nucleotide #	NM_001128204.1
UniProt Accession #	Q8IWU6; Q86YV8; Q8NCA2; Q9UP55
Molecular Weight	101,027 Da
NCBI Official Full Name	extracellular sulfatase Sulf-1
NCBI Official Synonym Full Names	sulfatase 1
NCBI Official Symbol	SULF1
NCBI Official Synonym Symbols	SULF-1
NCBI Protein Information	extracellular sulfatase Sulf-1
UniProt Protein Name	Extracellular sulfatase Sulf-1
UniProt Gene Name	SULF1
UniProt Synonym Gene Names	KIAA1077; hSulf-1

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.