

Human sulfatase 1 ELISA Kit | SULF1 elisa kit

Human Extracellular sulfatase Sulf-1, SULF1 ELISA Kit

CATALOG #
AAA113026

REACTIVITY
Human

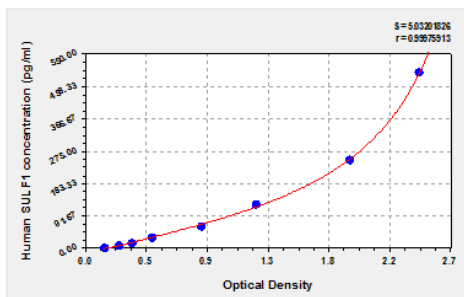
PRODUCT SYNONYMS

sulfatase 1; Human Extracellular sulfatase Sulf-1; SULF1 ELISA Kit; Human Extracellular sulfatase Sulf-1 (SULF1) ELISA kit; FLJ30905; FLJ38022; FLJ41750; HSULF-1; KIAA1077; SULF-1; sulfatase FP; SULF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SULF1. No significant cross-reactivity or interference between human SULF1 and analogues was observed.
Sequence Length	871
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	< 1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SULF1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SULF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SULF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SULF1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SULF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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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; Q9UPS5
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; HSULF-1
NCBI Protein Information	extracellular sulfatase Sulf-1; sulfatase FP
UniProt Protein Name	Extracellular sulfatase Sulf-1
UniProt Gene Name	SULF1
UniProt Synonym Gene Names	KIAA1077; hSulf-1
UniProt Entry Name	SULF1_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/sulf1-human-elisa-kits/sulfatase-1/113026>