

Human Sulfatase 2 (SULF2) CLIA Kit | SULF2 clia kit

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CATALOG #
AAA129849

REACTIVITY
Human

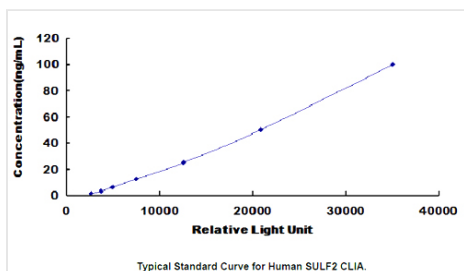
PRODUCT SYNONYMS

Sulfatase 2 (SULF2); Human Sulfatase 2 (SULF2) CLIA Kit; HSULF-2; Extracellular sulfatase Sulf-2; SULF2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Sulfatase 2 (SULF2). No significant cross-reactivity or interference between Sulfatase 2 (SULF2) and analogues was observed.
Sequence Length	870
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.14-100ng/mL
Sensitivity	0.09ng/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Sulfatase 2 (SULF2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Sulfatase 2 (SULF2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SULF2 clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Sulfatase 2 (SULF2). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Sulfatase 2 (SULF2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Sulfatase 2 (SULF2) level in the sample or standard.;
Product Categories/Family for SULF2 clia kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	83405533
NCBI GeneID	55959
UniProt Accession #	Q8IWU5; Q5JYE1; Q6UX86; Q96SG2; Q9H1H0; Q9UJR3; Q9ULH3; E1P5U6
Molecular Weight	100,156 Da
NCBI Official Full Name	Sulfatase 2
NCBI Official Synonym Full Names	sulfatase 2
NCBI Official Symbol	SULF2
NCBI Official Synonym Symbols	HSULF-2
NCBI Protein Information	extracellular sulfatase Sulf-2
UniProt Protein Name	Extracellular sulfatase Sulf-2
UniProt Gene Name	SULF2
UniProt Synonym Gene Names	KIAA1247; hSulf-2
UniProt Entry Name	SULF2_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/human-clia-kits/sulfatase-2-sulf2/129849>