Human Son Of Sevenless Homolog 2 (SOS2) ELISA Kit | SOS2 elisa kit

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CATALOG #	REACTIVITY
AAA330766	**Human**

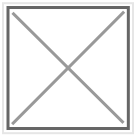
PRODUCT SYNONYMS

Son Of Sevenless Homolog 2 (SOS2); Human Son Of Sevenless Homolog 2 (SOS2) ELISA Kit; SOS2; FLJ25596; guanine nucleotide exchange factor; guanine nucleotide releasing factor; son of sevenless homolog 2; SOS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Son of sevenless homolog 2 (SOS2) ELISA Kit has high sensitivity and excellent specificity for detection of Human SOS2. No significant cross-reactivity or interference between Human SOS2 and analogues was observed.
Sequence Length	1332
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)
Fig.1. Human Son of sevenless homolog 2 (SOS2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SOS2 elisa kit	Description: This Human Son of sevenless homolog 2 (SOS2) ELISA Kit employs a two-site sandwich ELISA to quantitate SOS2 in samples. An antibody specific for SOS2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SOS2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SOS2 is added to the wells. After washing, Streptavidin 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 SOS2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Son of sevenless homolog 2 (SOS2) encodes a regulatory protein that is involved in the positive regulation of ras proteins. Mutations in SOS2 are associated with Noonan Syndrome-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	154689780
NCBI GeneID	6655
NCBI Accession #	NP_008870.2
NCBI GenBank Nucleotide #	NP_008870.2
UniProt Accession #	Q07890
NCBI Official Full Name	son of sevenless homolog 2
NCBI Official Synonym Full Names	SOS Ras/Rho guanine nucleotide exchange factor 2
NCBI Official Symbol	SOS2
NCBI Official Synonym Symbols	NS9; SOS-2
NCBI Protein Information	son of sevenless homolog 2
UniProt Protein Name	Son of sevenless homolog 2
UniProt Gene Name	**SOS2**
UniProt Synonym Gene Names	SOS-2
UniProt Entry Name	SOS2_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-elisa-kits/son-of-sevenless-homolog-2-sos2/330766