

Human Smoothened homolog ELISA Kit | SMO elisa kit

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CATALOG #
AAA196326

REACTIVITY
Human

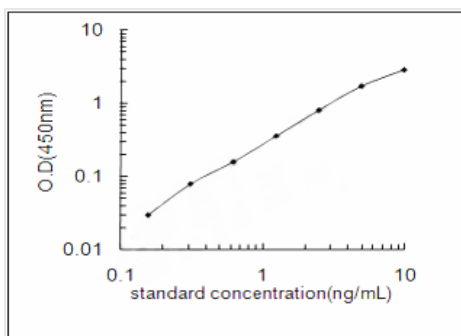
PRODUCT SYNONYMS

Smoothened homolog; Human Smoothened homolog ELISA Kit; SMO; Protein Gx; SMOH; SMO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human SMO. No significant cross-reactivity or interference was observed.
Sequence Length	787
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.083 ng/mL
Intra-Assay CV	<=7.3%
Inter-Assay CV	<=10.2%
Recovery	95%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SMO elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human SMO concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SMO. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SMO and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain SMO, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of SMO 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 #	5032099
NCBI GeneID	6608
NCBI Accession #	NP_005622.1
NCBI GenBank Nucleotide #	NM_005631.4
Molecular Weight	86,397 Da
NCBI Official Full Name	smoothened homolog
NCBI Official Synonym Full Names	smoothened, frizzled class receptor
NCBI Official Symbol	SMO
NCBI Official Synonym Symbols	Gx; CRJS; SMOH; FZD11
NCBI Protein Information	smoothened homolog
UniProt Protein Name	Smoothened homolog
UniProt Gene Name	SMO
UniProt Synonym Gene Names	SMOH; SMO
UniProt Entry Name	SMO_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/smo-human-elisa-kits/smoothened-homolog/196326>