

Human Ski-Like Protein (SKIL) ELISA Kit | SKIL elisa kit

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CATALOG #
AAA330858

REACTIVITY
Human

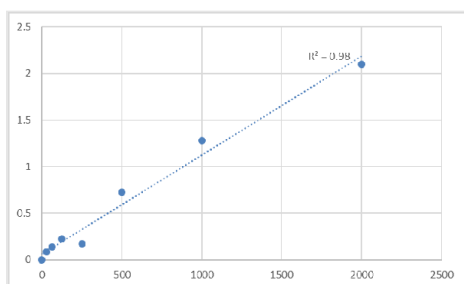
PRODUCT SYNONYMS

Ski-Like Protein (SKIL); Human Ski-Like Protein (SKIL) ELISA Kit; SKIL; SNO; SnoA; SnoI; SnoN; SKI-like; ski-related oncogene snoN; SKIL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ski-like protein (SKIL) ELISA Kit has high sensitivity and excellent specificity for detection of Human SKIL. No significant cross-reactivity or interference between Human SKIL and analogues was observed.
Sequence Length	638
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 Ski-like protein (SKIL) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SKIL elisa kit	Description: This Human Ski-like protein (SKIL) ELISA Kit employs a two-site sandwich ELISA to quantitate SKIL in samples. An antibody specific for SKIL has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SKIL present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SKIL 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 SKIL bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: The mouse Sno gene expresses 2 isoforms, SnoN and SnoN2, that are different from each other in a location downstream of the site of alternative splicing previously described in the human SNO gene. SnoN2 is missing a 138-bp coding segment present in mouse SnoN and human SNON. TGFB induces activation and nuclear translocation of SMAD2, SMAD3, and SMAD4. SMAD3 causes degradation of SnoN, allowing a SMAD2/SMAD4 complex to activate TGFB target genes. To initiate a negative feedback mechanism that permits a precise and timely regulation of TGFB signaling, TGFB also induces an increased expression of SnoN at a later stage, which in turn binds to SMAD heteromeric complexes and shuts off TGFB signaling.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	223029420
NCBI GeneID	6498
NCBI Accession #	NP_001138569.1
NCBI GenBank Nucleotide #	NP_001138569.1
UniProt Accession #	P12757
NCBI Official Full Name	ski-like protein isoform 2
NCBI Official Synonym Full Names	SKI like proto-oncogene
NCBI Official Symbol	SKIL
NCBI Official Synonym Symbols	SNO; SnoA; SnoI; SnoN
NCBI Protein Information	ski-like protein
UniProt Protein Name	Ski-like protein
UniProt Gene Name	SKIL
UniProt Synonym Gene Names	SNO
UniProt Entry Name	SKIL_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.