

Human Septin-12 (SEPT12) ELISA Kit | SEPT12 elisa kit

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CATALOG #
AAA331024

REACTIVITY
Human

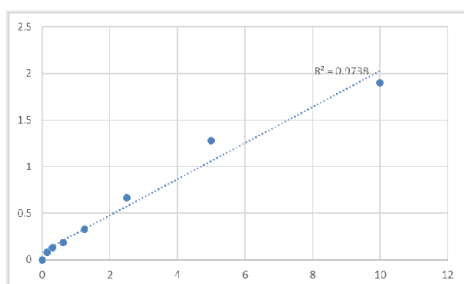
PRODUCT SYNONYMS

Septin-12 (SEPT12); Human Septin-12 (SEPT12) ELISA Kit; SEPT12; FLJ25410; SEPT12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Septin-12 (SEPT12) ELISA Kit has high sensitivity and excellent specificity for detection of Human SEPT12. No significant cross-reactivity or interference between Human SEPT12 and analogues was observed.
Sequence Length	312
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 Septin-12 (SEPT12) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SEPT12 elisa kit	Description: This Human Septin-12 (SEPT12) ELISA Kit employs a two-site sandwich ELISA to quantitate SEPT12 in samples. An antibody specific for SEPT12 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEPT12 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEPT12 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 SEPT12 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Septins are a group of highly conserved GTP binding proteins found in eukaryotes. In yeast cells, they build scaffolding to provide structural support during cell division and compartmentalize parts of the cell. Septins, such as SEPT12, are conserved GTP-binding proteins that function as dynamic, regulatable scaffolds for the recruitment of other proteins. They are involved in membrane dynamics, vesicle trafficking, apoptosis, and cytoskeleton remodeling, as well as infection, neurodegeneration, and neoplasia. By searching databases for members of the septin family, Hall et al. (2005) identified SEPT12. DNA microarray analysis showed low expression of SEPT12 in all normal, diseased, and cancer tissues examined. By genomic sequence analysis, Hall et al. (2005) mapped the SEPT12 gene to chromosome 16p13.3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226492499
NCBI GeneID	124404
NCBI Accession #	NP_001147930
NCBI GenBank Nucleotide #	NP_001147930.1
UniProt Accession #	Q8IYM1
NCBI Official Full Name	septin-12 isoform 1
NCBI Official Synonym Full Names	septin 12
NCBI Official Symbol	SEPTIN12
NCBI Official Synonym Symbols	SEPT12; SPGF10
NCBI Protein Information	septin-12
UniProt Protein Name	Septin-12
UniProt Gene Name	SEPT12
UniProt Entry Name	SEP12_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/septin-12-sept12/331024>