

Human Septin-6 (SEPT6) ELISA Kit | SEPT6 elisa kit

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CATALOG #
AAA331022

REACTIVITY
Human

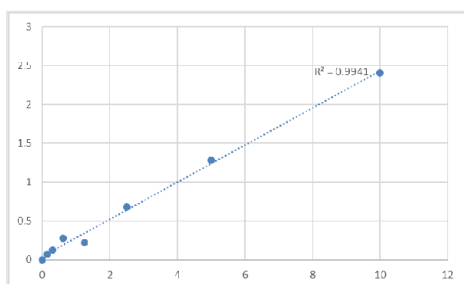
PRODUCT SYNONYMS

Septin-6 (SEPT6); Human Septin-6 (SEPT6) ELISA Kit; SEPT6; RP5-876A24.2; KIAA0128; MGC16619; MGC20339; SEP2; SEPT2; septin 2; SEPT6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Septin-6 (SEPT6) ELISA Kit has high sensitivity and excellent specificity for detection of Human SEPT6. No significant cross-reactivity or interference between Human SEPT6 and analogues was observed.
Sequence Length	434
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-6 (SEPT6) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SEPT6 elisa kit	Description: This Human Septin-6 (SEPT6) ELISA Kit employs a two-site sandwich ELISA to quantitate SEPT6 in samples. An antibody specific for SEPT6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEPT6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEPT6 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 SEPT6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Septin-6 is a member of the septin family of GTPases. Members of this family are required for cytokinesis. One version of pediatric acute myeloid leukemia is the result of a reciprocal translocation between chromosomes 11 and X, with the breakpoint associated with the genes encoding the mixed-lineage leukemia and septin 2 proteins. This gene encodes four transcript variants encoding three distinct isoforms. An additional transcript variant has been identified, but its biological validity has not been determined. The deduced 424-amino acid protein shares 40% identity with CDC10 (SEPT7) and contains an ATP/GTP-binding site motif. Northern blot analysis detected nearly ubiquitous expression, with highest level in thymus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361478
NCBI GeneID	23157
NCBI Accession #	NP_055944.2
NCBI GenBank Nucleotide #	NP_055944.2
UniProt Accession #	Q14141
NCBI Official Full Name	septin-6 isoform B
NCBI Official Synonym Full Names	septin 6
NCBI Official Symbol	SEPTIN6
NCBI Official Synonym Symbols	SEP2; SEPT2; SEPT6
NCBI Protein Information	septin-6
UniProt Protein Name	Septin-6
UniProt Gene Name	SEPT6
UniProt Synonym Gene Names	KIAA0128; SEP2
UniProt Entry Name	SEPT6_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.