

Human Septin-5 (SEPT5) ELISA Kit | SEPT5 elisa kit

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CATALOG #
AAA331021

REACTIVITY
Human

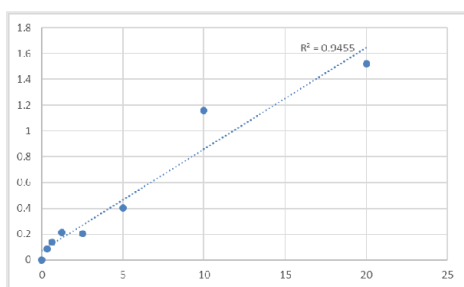
PRODUCT SYNONYMS

Septin-5 (SEPT5); Human Septin-5 (SEPT5) ELISA Kit; SEPT5; CDCREL; CDCREL-1; CDCREL1; H5; PNUTL1; cell division control related protein 1; peanut-like 1; platelet glycoprotein Ib beta chain; SEPT5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Septin-5 (SEPT5) ELISA Kit has high sensitivity and excellent specificity for detection of Human SEPT5. No significant cross-reactivity or interference between Human SEPT5 and analogues was observed.
Sequence Length	369
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-5 (SEPT5) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SEPT5 elisa kit	Description: This Human Septin-5 (SEPT5) ELISA Kit employs a two-site sandwich ELISA to quantitate SEPT5 in samples. An antibody specific for SEPT5 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEPT5 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEPT5 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 SEPT5 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Septin-5 is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Two transcripts of this gene, a major one of 2.2 kb and a minor one of 3.5 kb, have been observed. The 2.2 kb form results from the utilization of a non-consensus polyA signal (ACAAT).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115496778
NCBI GeneID	615408
NCBI Accession #	NP_001069839.1
NCBI GenBank Nucleotide #	NP_001069839.1
UniProt Accession #	Q0VC68
NCBI Official Full Name	septin-5
NCBI Official Synonym Full Names	septin 5
NCBI Official Symbol	SEPTIN5
NCBI Official Synonym Symbols	SEPT5
NCBI Protein Information	septin-5
UniProt Protein Name	Septin-5
UniProt Gene Name	SEPT5
UniProt Entry Name	SEPT5_BOVIN

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.