

Human Septin-8 (SEPT8) ELISA Kit | SEPT8 elisa kit

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CATALOG #
AAA331023

REACTIVITY
Human

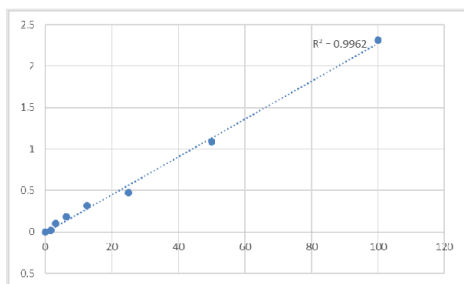
PRODUCT SYNONYMS

Septin-8 (SEPT8); Human Septin-8 (SEPT8) ELISA Kit; SEPT8; KIAA0202; SEP2; OTTHUMP00000211755; SEPT8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Septin-8 (SEPT8) ELISA Kit has high sensitivity and excellent specificity for detection of Human SEPT8. No significant cross-reactivity or interference between Human SEPT8 and analogues was observed.
Sequence Length	442
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-8 (SEPT8) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SEPT8 elisa kit	Description: This Human Septin-8 (SEPT8) ELISA Kit employs a two-site sandwich ELISA to quantitate SEPT8 in samples. An antibody specific for SEPT8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SEPT8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SEPT8 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 SEPT8 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SEPT8 is a member of the highly conserved septin family. Septins are 40- to 60-kD GTPases that assemble as filamentous scaffolds. They are involved in the organization of submembranous structures, in neuronal polarity, and in vesicle trafficking. A conserved region found in all 3 variants contains the GTP-binding motif and is encoded by exons 3 through 10. Northern blot analysis detected expression of most SEPT8 variants in all brain and cardiovascular regions tested, as well as in prostate, testis, and ovary. Expression was highest in brain and aorta, and expression of each variant was tissue specific. Western blot analysis detected variant 1 at an apparent molecular mass of 58 kD in prostate, testis, and ovary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115496029
NCBI GeneID	540614
NCBI Accession #	NP_001069698.1
NCBI GenBank Nucleotide #	NP_001069698.1
UniProt Accession #	Q0VCP4
NCBI Official Full Name	septin-8
NCBI Official Synonym Full Names	septin 8
NCBI Official Symbol	SEPTIN8
NCBI Official Synonym Symbols	SEPT8
NCBI Protein Information	septin-8
UniProt Protein Name	Septin-8
UniProt Gene Name	SEPT8
UniProt Entry Name	SEPT8_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/septin-8-sept8/331023>