

Human Protein Spinster Homolog 3 (SPNS3) ELISA Kit | SPNS3 elisa kit

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CATALOG #
AAA330549

REACTIVITY
Human

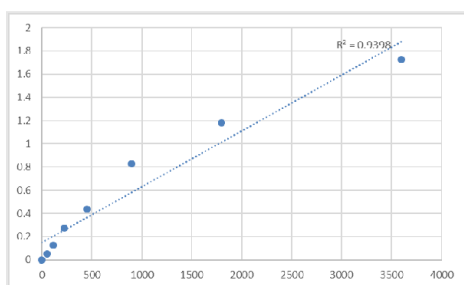
PRODUCT SYNONYMS

Protein Spinster Homolog 3 (SPNS3); Human Protein Spinster Homolog 3 (SPNS3) ELISA Kit; SPNS3; MGC29671; spinster homolog 3; SPNS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Protein spinster homolog 3 (SPNS3) ELISA Kit has high sensitivity and excellent specificity for detection of Human SPNS3. No significant cross-reactivity or interference between Human SPNS3 and analogues was observed.
Sequence Length	385
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 Protein spinster homolog 3 (SPNS3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SPNS3 elisa kit	Description: This Human Protein spinster homolog 3 (SPNS3) ELISA Kit employs a two-site sandwich ELISA to quantitate SPNS3 in samples. An antibody specific for SPNS3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SPNS3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SPNS3 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 SPNS3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: By searching a human database for sequences similar to the SLC22 family of anion transporters, Jacobsson et al. (2007) identified SPNS3. The deduced 512-amino acid protein has 12 putative transmembrane domains. Quantitative real-time PCR detected high expression of rat Spns3 in coronal brain sections of the olfactory bulb and frontal cortex. Expression was moderate in other coronal sections and in thymus, kidney, and spleen. Little to no expression was detected in other tissues examined. Jacobsson et al. (2007) determined that the SPNS3 gene contains 12 exons. Jacobsson et al. (2007) stated that the SPNS3 gene maps to chromosome 17p13.2; the mouse Spns3 gene maps to chromosome 11qB4.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23271053
NCBI GeneID	201305
UniProt Accession #	Q6ZMD2
NCBI Official Full Name	SPNS3 protein
NCBI Official Synonym Full Names	sphingolipid transporter 3 (putative)
NCBI Official Symbol	SPNS3
NCBI Official Synonym Symbols	SLC62A3
NCBI Protein Information	protein spinster homolog 3
UniProt Protein Name	Protein spinster homolog 3
UniProt Gene Name	SPNS3
UniProt Entry Name	SPNS3_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.