

Mouse Wolframin (WFS1) ELISA Kit | WFS1 elisa kit

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CATALOG #
AAA332030

REACTIVITY
Mouse

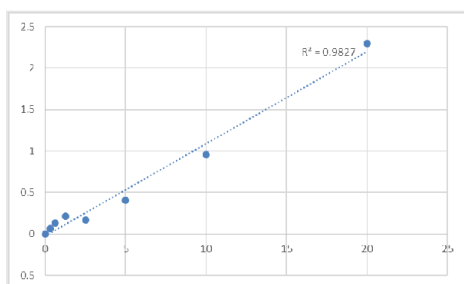
PRODUCT SYNONYMS

Wolframin (WFS1); Mouse Wolframin (WFS1) ELISA Kit; WFS1; FLJ51211; WFRS; WFS; WOLFRAMIN; wolframin; WFS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Mouse Wolframin (WFS1) ELISA Kit has high sensitivity and excellent specificity for detection of Mouse WFS1. No significant cross-reactivity or interference between Mouse WFS1 and analogues was observed.
Sequence Length	890
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. Mouse Wolframin (WFS1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for WFS1 elisa kit	Description: This Mouse Wolframin (WFS1) ELISA Kit employs a two-site sandwich ELISA to quantitate WFS1 in samples. An antibody specific for WFS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any WFS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for WFS1 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 WFS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Human WHDC1 expressed in insect cells had an apparent molecular mass of about 100 kD by SDS-PAGE. Western blot analysis detected WHDC1 in most human and mouse organs examined, with highest expression in brain. WHDC1 was also expressed in all cultured cell lines tested. WHDC1 partitioned predominantly in the membrane fraction of COS-7 cells, and it appeared to be a peripheral membrane protein, since high salt or alkaline pH released it into the soluble fraction. Immunohistochemical analysis localized WHDC1 primarily to the perinuclear compartment, near the microtubule-organizing center. In some cells, it also localized to tubulovesicular structures in the cell periphery. WHDC1 colocalized extensively with the cis-Golgi marker GM130 (GOLGA2), but not with medial- or trans-Golgi markers.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755997
NCBI GeneID	22393
NCBI Accession #	NP_035846.1
NCBI GenBank Nucleotide #	NP_035846.1
UniProt Accession #	P56695
NCBI Official Full Name	wolframin
NCBI Official Synonym Full Names	wolframin ER transmembrane glycoprotein
NCBI Official Symbol	Wfs1
NCBI Official Synonym Symbols	A1481085; wolframin
NCBI Protein Information	wolframin
UniProt Protein Name	Wolframin
UniProt Gene Name	Wfs1

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.