

Human Neuron Navigator 3 (NAV3) ELISA Kit | NAV3 elisa kit

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CATALOG #
AAA331523

REACTIVITY
Human

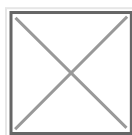
PRODUCT SYNONYMS

Neuron Navigator 3 (NAV3); Human Neuron Navigator 3 (NAV3) ELISA Kit; KIAA0938; POMFIL1; STEERIN3; unc53H3; pore membrane and/or filament interacting like protein 1; steerin 3; NAV3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Neuron navigator 3 (NAV3) ELISA Kit has high sensitivity and excellent specificity for detection of Human NAV3. No significant cross-reactivity or interference between Human NAV3 and analogues was observed.
Sequence Length	2363
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 Neuron navigator 3 (NAV3) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NAV3 elisa kit	Description: This Human Neuron navigator 3 (NAV3) ELISA Kit employs a two-site sandwich ELISA to quantitate NAV3 in samples. An antibody specific for NAV3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NAV3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NAV3 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 NAV3 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NAV3 belongs to the neuron navigator family and is expressed predominantly in the nervous system. Neuron navigator 3 contains coiled-coil domains and a conserved AAA domain characteristic for ATPases associated with a variety of cellular activities. NAV3 is similar to unc-53, a Caenorhabditis elegans gene involved in axon guidance. Multiple alternatively spliced transcript variants for NAV3 have been described but only one has had its full-length nature determined.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	120953251
NCBI GeneID	89795
NCBI Accession #	NP_055718.4
NCBI GenBank Nucleotide #	NP_055718.4
UniProt Accession #	Q8IVL0
NCBI Official Full Name	neuron navigator 3 isoform 2
NCBI Official Synonym Full Names	neuron navigator 3
NCBI Official Symbol	NAV3
NCBI Official Synonym Symbols	POMFIL1; unc53H3; STEERIN3
NCBI Protein Information	neuron navigator 3
UniProt Protein Name	Neuron navigator 3
UniProt Gene Name	NAV3
UniProt Synonym Gene Names	KIAA0938; POMFIL1; STEERIN3; unc53H3
UniProt Entry Name	NAV3_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.