

Human Uveal Autoantigen With Coiled-Coil Domains And Ankyrin Repeats (UACA) ELISA Kit | UACA elisa kit

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CATALOG #
AAA330331

REACTIVITY
Human

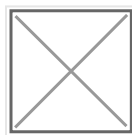
PRODUCT SYNONYMS

Uveal Autoantigen With Coiled-Coil Domains And Ankyrin Repeats (UACA); Human Uveal Autoantigen With Coiled-Coil Domains And Ankyrin Repeats (UACA) ELISA Kit; UACA; FLJ10128; KIAA1561; MGC141967; MGC141969; NUCLING; nuclear membrane binding protein; uveal autoantigen with coiled coil domains and ankyrin repeats; UACA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Uveal autoantigen with coiled-coil domains and ankyrin repeats (UACA) ELISA Kit has high sensitivity and excellent specificity for detection of Human UACA. No significant cross-reactivity or interference between Human UACA and analogues was observed.
Sequence Length	1403
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 Uveal autoantigen with coiled-coil domains and ankyrin repeats (UACA) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UACA elisa kit	Description: This Human Uveal autoantigen with coiled-coil domains and ankyrin repeats (UACA) ELISA Kit employs a two-site sandwich ELISA to quantitate UACA in samples. An antibody specific for UACA has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UACA present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UACA 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 UACA bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Using a human sequence homologous to the bovine UACA sequence to screen a Jurkat cell cDNA library, they isolated the human homolog, which was found have the same sequence as KIAA1561. Human UACA encodes a deduced 1,449-amino acid protein with a predicted molecular mass of approximately 166 kD. It contains 6 ankyrin repeats, a leucine zipper motif, and coiled-coil domains. The bovine and human proteins share 86% sequence homology. Northern blot analysis demonstrated expression at various levels in all tissues analyzed, with highest expression in skeletal muscle.the prevalence of IgG anti-UACA autoantibodies in patients with panuveitis was significantly higher than that in healthy controls (19.6-28.1% vs 0%, p less than 0.05), indicating that autoimmunity directed against UACA is a common phenomenon in these diseases.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56550047
NCBI GeneID	55075
NCBI Accession #	NP_001008225.1
NCBI GenBank Nucleotide #	NP_001008225.1
UniProt Accession #	Q9BZF9
NCBI Official Full Name	uveal autoantigen with coiled-coil domains and ankyrin repeats isoform 2
NCBI Official Synonym Full Names	uveal autoantigen with coiled-coil domains and ankyrin repeats
NCBI Official Symbol	UACA
NCBI Official Synonym Symbols	NUCLING
NCBI Protein Information	uveal autoantigen with coiled-coil domains and ankyrin repeats
UniProt Protein Name	Uveal autoantigen with coiled-coil domains and ankyrin repeats
UniProt Gene Name	UACA
UniProt Synonym Gene Names	KIAA1561
UniProt Entry Name	UACA_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.