Human Anti Uveal autoantigen with coiled coil domains and ankyrin repeats Antibodies ELISA Kit | UACA elisa kit

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CATALOG #	REACTIVITY
AAA94687	**Human**

PRODUCT SYNONYMS

Anti Uveal autoantigen with coiled coil domains and ankyrin repeats Antibodies; Human Anti Uveal autoantigen with coiled coil domains and ankyrin repeats Antibodies ELISA Kit; UACA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This anti-UACA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human anti-UACA. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UACA elisa kit	**Principle of the assay:** Anti-UACA ELISA kit applies the competitive enzyme immunoassay technique utilizing a UACA antigen and an anti-UACA-HRP conjugate. The assay sample and buffer are incubated together with anti-UACA-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the anti-UACA concentration since anti-UACA from samples and anti-UACA-HRP conjugate compete for the UACA antigen binding site. Since the number of sites is limited, as more sites are occupied by anti-UACA from the sample, fewer sites are left to bind anti-UACA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The anti-UACA concentration in each sample is interpolated from this standard curve.
Product Categories/Family for UACA elisa kit	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	59850762
NCBI GeneID	55075
NCBI Accession #	NP_060473.2
NCBI GenBank Nucleotide #	NM_018003.2
Molecular Weight	161,510 Da
NCBI Official Full Name	uveal autoantigen with coiled-coil domains and ankyrin repeats isoform 1
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; nuclear membrane binding protein; 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.

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Online datasheet: https://stage.aaabiotech.com/uaca-human-elisa-kits/anti-uveal-autoantigen-with-coiled-coil-domains-and-ankyrin-repeats-antibodies/94687