

Human Actin related protein 2/3 complex subunit 5 like protein (ARPC5L) ELISA Kit | ARPC5L elisa kit

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CATALOG #
AAA245996

REACTIVITY
Human

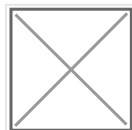
PRODUCT SYNONYMS

Actin related protein 2/3 complex subunit 5 like protein (ARPC5L); Human Actin related protein 2/3 complex subunit 5 like protein (ARPC5L) ELISA Kit; ARPC5L elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARPC5L. No significant cross-reactivity or interference between ARPC5L and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ARPC5L and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARPC5L elisa kit

Principle of the Assay: ARPC5L ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ARPC5L antibody and an ARPC5L-HRP conjugate. The assay sample and buffer are incubated together with ARPC5L-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 ARPC5L concentration since ARPC5L from samples and ARPC5L-HRP conjugate compete for the anti-ARPC5L antibody binding site. Since the number of sites is limited, as more sites are occupied by ARPC5L from the sample, fewer sites are left to bind ARPC5L-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARPC5L concentration in each sample is interpolated from this standard curve.

Intended Uses: This ARPC5L ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARPC5L. This ELISA kit for research use only, not for therapeutic or test applications!

Product Categories/Family for ARPC5L elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13569956
NCBI GeneID	81873
NCBI Accession #	NP_112240.1
NCBI GenBank Nucleotide #	NM_030978.1
Molecular Weight	16,941 Da
NCBI Official Full Name	actin-related protein 2/3 complex subunit 5-like protein
NCBI Official Synonym Full Names	actin related protein 2/3 complex, subunit 5-like
NCBI Official Symbol	ARPC5L
NCBI Official Synonym Symbols	ARC16-2
NCBI Protein Information	actin-related protein 2/3 complex subunit 5-like protein; arp2/3 complex 16 kDa subunit 2
UniProt Protein Name	Actin-related protein 2/3 complex subunit 5-like protein
UniProt Gene Name	ARPC5L
UniProt Synonym Gene Names	ARC16-2
UniProt Entry Name	ARP5L_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/human-elisa-kits/actin-related-protein-2-3-complex-subunit-5-like-protein-arp5l/245996>