

Human ARPC5 (Actin-related protein 2/3 complex subunit 5) ELISA Kit | ARPC5 elisa kit

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CATALOG #
AAA249700

REACTIVITY
Human

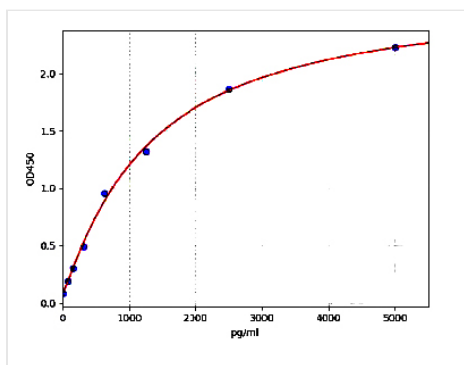
PRODUCT SYNONYMS

ARPC5 (Actin-related protein 2/3 complex subunit 5); Human ARPC5 (Actin-related protein 2/3 complex subunit 5) ELISA Kit; Actin-related protein 2/3 complex subunit 5; Arp2/3 complex 16 kDa subunit; p16-ARC; ARC16; ARPC5; ARPC5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARPC5. No significant cross-reactivity or interference between ARPC5 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARPC5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	394025704
NCBI GeneID	10092
NCBI Accession #	NP_001257368.1
NCBI GenBank Nucleotide #	NM_001270439.1
UniProt Accession #	O15511; Q6PG42; A6NEC4
Molecular Weight	16,631 Da
NCBI Official Full Name	actin-related protein 2/3 complex subunit 5 isoform 2
NCBI Official Synonym Full Names	actin related protein 2/3 complex, subunit 5, 16kDa
NCBI Official Symbol	ARPC5
NCBI Official Synonym Symbols	ARC16; p16-Arc; dJ127C7.3
NCBI Protein Information	actin-related protein 2/3 complex subunit 5; Arp2/3 protein complex subunit p16; arp2/3 complex 16 kDa subunit
UniProt Protein Name	Actin-related protein 2/3 complex subunit 5
UniProt Gene Name	ARPC5
UniProt Synonym Gene Names	ARC16; p16-ARC
UniProt Entry Name	ARPC5_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/arp5-actin-related-protein-2-3-complex-subunit-5/249700>