

Human Actin Related Protein 2/3 Complex Subunit 2 (ARPC2) ELISA Kit | ARPC2 elisa kit

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CATALOG #
AAA66688

REACTIVITY
Human

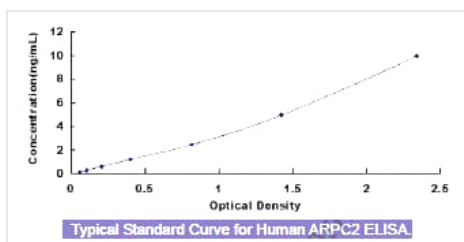
PRODUCT SYNONYMS

Actin Related Protein 2/3 Complex Subunit 2 (ARPC2); Human Actin Related Protein 2/3 Complex Subunit 2 (ARPC2) ELISA Kit; ARC34; PNAS-139; p34-Arc; Arp2/3 complex 34 kDa subunit; ARPC2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARPC2. No significant cross-reactivity or interference between ARPC2 and analogues was observed.
Sequence Length	300
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.068ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ARPC2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ARPC2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARPC2 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ARPC2 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ARPC2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ARPC2. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ARPC2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ARPC2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5031599
NCBI GeneID	10109
NCBI Accession #	NP_005722.1
NCBI GenBank Nucleotide #	NM_005731.3
UniProt Accession #	O15144; Q92801; Q9P1D4
Molecular Weight	34,333 Da
NCBI Official Full Name	actin-related protein 2/3 complex subunit 2
NCBI Official Synonym Full Names	actin related protein 2/3 complex subunit 2
NCBI Official Symbol	ARPC2
NCBI Official Synonym Symbols	ARC34; PRO2446; p34-Arc; PNAS-139
NCBI Protein Information	actin-related protein 2/3 complex subunit 2
UniProt Protein Name	Actin-related protein 2/3 complex subunit 2
UniProt Gene Name	ARPC2
UniProt Synonym Gene Names	ARC34; p34-ARC

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-2-arcpc2/66688>