

## Human activity-regulated cytoskeleton-associated protein ELISA Kit | ARC elisa kit

Human Activity-regulated cytoskeleton-associated protein, ARC ELISA Kit

CATALOG #  
**AAA18135**

REACTIVITY  
**Human**

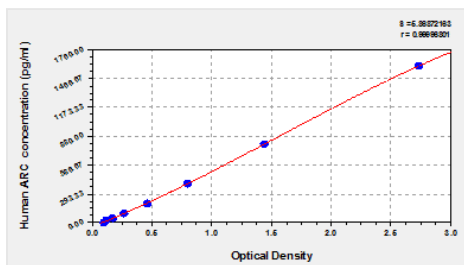
### PRODUCT SYNONYMS

activity-regulated cytoskeleton-associated protein; Human Activity-regulated cytoskeleton-associated protein; ARC ELISA Kit; Human Activity-regulated cytoskeleton-associated protein (ARC) ELISA kit; Arg3.1; KIAA0278; ; ARC elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                               |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human ARC. No significant cross-reactivity or interference between human ARC and analogues was observed. |
| Sequence Length         | 396                                                                                                                                                                                 |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates.                                                                                                                                    |
| Assay Type              | Sandwich (Quantitative)                                                                                                                                                             |
| Detection Range         | 25 pg/ml-1600 pg/ml.                                                                                                                                                                |
| Sensitivity             | 6.25 pg/ml.                                                                                                                                                                         |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.                                    |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.                                             |
| Preparation and Storage | Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ARC elisa kit | Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ARC has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ARC present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ARC is added to the wells. After washing, avidin 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 ARC bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                             |
|----------------------------------|-------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 8567330                                                                                                     |
| NCBI GeneID                      | 23237                                                                                                       |
| NCBI Accession #                 | NP_056008.1                                                                                                 |
| NCBI GenBank Nucleotide #        | NM_015193.4                                                                                                 |
| UniProt Accession #              | Q7LC44; Q9UJW6; Q9Y469                                                                                      |
| Molecular Weight                 | 45,316 Da                                                                                                   |
| NCBI Official Full Name          | activity-regulated cytoskeleton-associated protein                                                          |
| NCBI Official Synonym Full Names | activity-regulated cytoskeleton-associated protein                                                          |
| NCBI Official Symbol             | ARC                                                                                                         |
| NCBI Official Synonym Symbols    | Arg3.1                                                                                                      |
| NCBI Protein Information         | activity-regulated cytoskeleton-associated protein; ARC/ARG3.1; activity-regulated gene 3.1 protein homolog |
| UniProt Protein Name             | Activity-regulated cytoskeleton-associated protein                                                          |
| UniProt Gene Name                | ARC                                                                                                         |
| UniProt Synonym Gene Names       | KIAA0278; Arg3.1                                                                                            |
| UniProt Entry Name               | ARC_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/arc-human-elisa-kits/activity-regulated-cytoskeleton-associated-protein/18135>