

## Human ADP ribosylation factor 6 (ARF6) ELISA Kit | ARF6 elisa kit

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CATALOG #  
**AAA27185**

REACTIVITY  
**Human**

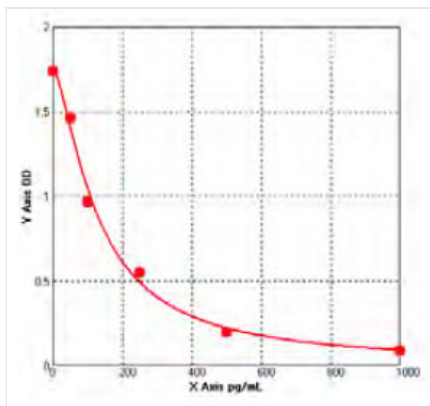
### PRODUCT SYNONYMS

ADP ribosylation factor 6 (ARF6); Human ADP ribosylation factor 6 (ARF6) ELISA Kit; ARF6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                    |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of ARF6. No significant cross-reactivity or interference between ARF6 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ARF6 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                               |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                 |
| Sensitivity             | 1.0 pg/mL                                                                                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                      |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for ARF6 elisa kit | <p>Intended Uses: This ARF6 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARF6. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: ARF6 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ARF6 antibody and an ARF6-HRP conjugate. The assay sample and buffer are incubated together with ARF6-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 ARF6 concentration since ARF6 from samples and ARF6-HRP conjugate compete for the anti-ARF6 antibody binding site. Since the number of sites is limited, as more sites are occupied by ARF6 from the sample, fewer sites are left to bind ARF6-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARF6 concentration in each sample is interpolated from this standard curve.</p> |
| Product Categories/Family for ARF6 elisa kit   | Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                           |
|----------------------------------|---------------------------|
| NCBI GI #                        | 4502211                   |
| NCBI GeneID                      | 382                       |
| NCBI Accession #                 | NP_001654.1               |
| NCBI GenBank Nucleotide #        | NM_001663.3               |
| Molecular Weight                 | 20,082 Da                 |
| NCBI Official Full Name          | ADP-ribosylation factor 6 |
| NCBI Official Synonym Full Names | ADP-ribosylation factor 6 |
| NCBI Official Symbol             | ARF6                      |
| NCBI Protein Information         | ADP-ribosylation factor 6 |
| UniProt Protein Name             | ADP-ribosylation factor 6 |
| UniProt Gene Name                | ARF6                      |
| UniProt Entry Name               | ARF6_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.