

Human ADP ribosylation factor 1 (ARF1) ELISA Kit | ARF1 elisa kit

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CATALOG #
AAA246616

REACTIVITY
Human

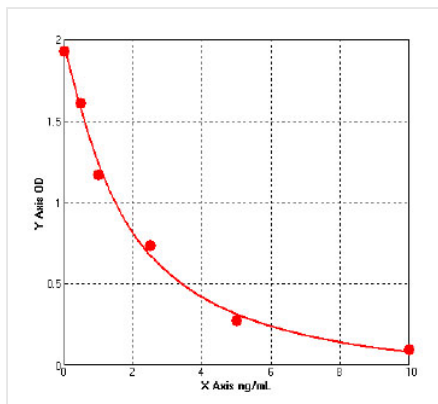
PRODUCT SYNONYMS

ADP ribosylation factor 1 (ARF1); Human ADP ribosylation factor 1 (ARF1) ELISA Kit; ARF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARF1. No significant cross-reactivity or interference between ARF1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ARF1 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 ARF1 elisa kit	Principle of the Assay: ARF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-ARF1 antibody and an ARF1-HRP conjugate. The assay sample and buffer are incubated together with ARF1-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 ARF1 concentration since ARF1 from samples and ARF1-HRP conjugate compete for the anti-ARF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ARF1 from the sample, fewer sites are left to bind ARF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARF1 concentration in each sample is interpolated from this standard curve. Intended Uses: This ARF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARF1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ARF1 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	18395248
NCBI GeneID	838957
NCBI Accession #	NP_564195.1
NCBI GenBank Nucleotide #	NM_102198.4
NCBI Official Full Name	ADP-ribosylation factor 1
NCBI Official Symbol	ARF1
NCBI Official Synonym Symbols	ADP-RIBOSYLATION FACTOR; ADP-ribosylation factor 1; ADP-RIBOSYLATION FACTOR 1A; ARF1; ATARF; ATARF1; ATARFA1A; F28C11.12
NCBI Protein Information	ADP-ribosylation factor 1

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/adp-ribosylation-factor-1-arf1/246616>