

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

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CATALOG #
AAA27185

REACTIVITY
Human

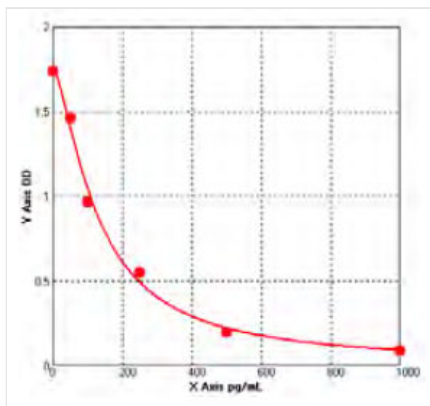
PRODUCT SYNONYMS

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	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! 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.
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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/adp-ribosylation-factor-6-arf6/27185>