

Human PRA1 family protein 3 (ARL6IP5) ELISA Kit | ARL6IP5 elisa kit

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CATALOG #
AAA27102

REACTIVITY
Human

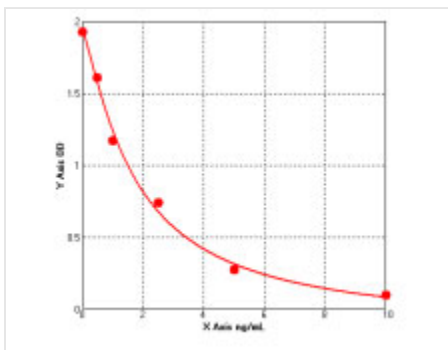
PRODUCT SYNONYMS

PRA1 family protein 3 (ARL6IP5); Human PRA1 family protein 3 (ARL6IP5) ELISA Kit; ARL6IP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ARL6IP5. No significant cross-reactivity or interference between ARL6IP5 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ARL6IP5 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 ARL6IP5 elisa kit	Principle of the Assay: ARL6IP5 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ARL6IP5 antibody and an ARL6IP5-HRP conjugate. The assay sample and buffer are incubated together with ARL6IP5-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 ARL6IP5 concentration since ARL6IP5 from samples and ARL6IP5-HRP conjugate compete for the anti-ARL6IP5 antibody binding site. Since the number of sites is limited, as more sites are occupied by ARL6IP5 from the sample, fewer sites are left to bind ARL6IP5-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARL6IP5 concentration in each sample is interpolated from this standard curve. Intended Uses: This ARL6IP5 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ARL6IP5. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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NCBI AND UNIPROT INFORMATION

NCBI GI #	5453704
NCBI GeneID	10550
NCBI Accession #	NP_006398.1
NCBI GenBank Nucleotide #	NM_006407.3
Molecular Weight	21,615 Da
NCBI Official Full Name	PRA1 family protein 3
NCBI Official Synonym Full Names	ADP-ribosylation factor-like 6 interacting protein 5
NCBI Official Symbol	ARL6IP5
NCBI Official Synonym Symbols	JWA; jmx; hp22; PRAF3; DERP11; HSPC127; addicsin; GTRAP3-18
NCBI Protein Information	PRA1 family protein 3; JM5; aip-5; protein JWA; PRA1 domain family 3; ARL-6-interacting protein 5; dermal papilla derived protein 11; dermal papilla-derived protein 11; prenylated Rab acceptor protein 2; putative MAPK activating protein PM27; putative MAPK-activating protein PM27; glutamate transporter EEAC1-associated protein; glutamate transporter EAAC1-interacting protein; cytoskeleton related vitamin A responsive protein; cytoskeleton-related vitamin A-responsive protein; ADP-ribosylation-like factor 6 interacting protein 5; ADP-ribosylation factor-like protein 6-interacting protein 5
UniProt Protein Name	PRA1 family protein 3
UniProt Gene Name	ARL6IP5
UniProt Synonym Gene Names	DERP11; JWA; PRA2; PRAF3; HSPC127; ARL-6-interacting protein 5; Aip-5
UniProt Entry Name	PRAF3_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/pral-family-protein-3-arl6ip5/27102>