

Human Protein XRP2 ELISA Kit | RP2 elisa kit

Human Protein XRP2 (RP2) ELISA Kit

CATALOG #
AAA55506

REACTIVITY
Human

PRODUCT SYNONYMS

Protein XRP2; Human Protein XRP2 (RP2) ELISA Kit; RP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human RP2. No significant cross-reactivity or interference between Human RP2 and analogues was observed.
Sequence Length	350
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	78.1 pg/mL - 5000 pg/mL
Sensitivity	39 pg/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for RP2 elisa kit

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate RP2 in Human serum, plasma. An antibody specific for RP2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RP2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RP2 is added to the wells. After washing, Streptavidin 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 RP2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Intended Uses: For the quantitative detection of Human Protein XRP2 (RP2) concentration in serum, plasma and other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #	170016081
NCBI GeneID	6102
NCBI Accession #	NP_008846.2
NCBI GenBank Nucleotide #	NM_006915.2
UniProt Accession #	O75695; Q86XJ7; Q9NU67

Molecular Weight	39,641 Da
NCBI Official Full Name	protein XRP2
NCBI Official Synonym Full Names	RP2, ARL3 GTPase activating protein
NCBI Official Symbol	RP2
NCBI Official Synonym Symbols	XRP2; NME10; TBCCD2; NM23-H10; DELXp11.3
NCBI Protein Information	protein XRP2
UniProt Protein Name	Protein XRP2
UniProt Gene Name	RP2

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/rp2-human-elisa-kits/protein-xrp2/55506>