

Human RPA2 (Replication protein A 32 kDa subunit) ELISA Kit | RPA2 elisa kit

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CATALOG #
AAA250255

REACTIVITY
Human

PRODUCT SYNONYMS

RPA2 (Replication protein A 32 kDa subunit); Human RPA2 (Replication protein A 32 kDa subunit) ELISA Kit; Replication protein A 32 kDa subunit; RP-A p32; Replication factor A protein 2; RF-A protein 2; Replication protein A 34 kDa subunit; RP-A p34; RPA2; REPA2; RPA32; RPA34; RPA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RPA2. No significant cross-reactivity or interference between RPA2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for RPA2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506585
NCBI GeneID	6118
NCBI Accession #	NP_002937.1
NCBI GenBank Nucleotide #	NM_002946.3
UniProt Accession #	P15927; Q52II0; Q5TEI9; Q5TEJ5
Molecular Weight	29,247 Da
NCBI Official Full Name	replication protein A 32 kDa subunit

NCBI Official Synonym Full Names	replication protein A2, 32kDa
NCBI Official Symbol	RPA2
NCBI Official Synonym Symbols	REPA2; RPA32
NCBI Protein Information	replication protein A 32 kDa subunit; RP-A p32; RP-A p34; RF-A protein 2; replication factor A protein 2; replication protein A 34 kDa subunit
UniProt Protein Name	Replication protein A 32 kDa subunit
UniProt Gene Name	RPA2
UniProt Synonym Gene Names	REPA2; RPA32; RPA34; RP-A p32; RF-A protein 2; RP-A p34
UniProt Entry Name	RFA2_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/rpa2-replication-protein-a-32-kda-subunit/250255>