

Human 40S ribosomal protein S2 (RPS2) ELISA Kit | RPS2 elisa kit

Human 40S ribosomal protein S2 (RPS2) ELISA Kit

CATALOG #
AAA27197

REACTIVITY
Human

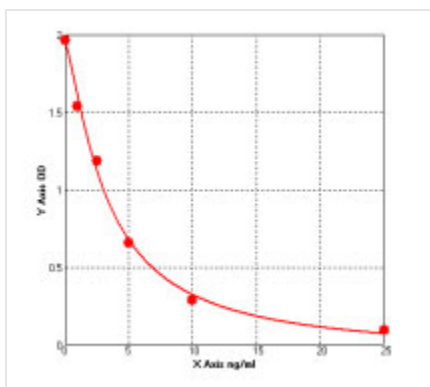
PRODUCT SYNONYMS

40S ribosomal protein S2 (RPS2); Human 40S ribosomal protein S2 (RPS2) ELISA Kit; RPS2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RPS2. No significant cross-reactivity or interference between RPS2 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RPS2 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 RPS2 elisa kit	Principle of the Assay: RPS2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RPS2 antibody and an RPS2-HRP conjugate. The assay sample and buffer are incubated together with RPS2-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 RPS2 concentration since RPS2 from samples and RPS2-HRP conjugate compete for the anti-RPS2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RPS2 from the sample, fewer sites are left to bind RPS2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPS2 concentration in each sample is interpolated from this standard curve. Intended Uses: This RPS2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPS2. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for RPS2 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	15055539
NCBI GeneID	6187
NCBI Accession #	NP_002943.2
NCBI GenBank Nucleotide #	NM_002952.3
Molecular Weight	31,324 Da
NCBI Official Full Name	40S ribosomal protein S2
NCBI Official Synonym Full Names	ribosomal protein S2
NCBI Official Symbol	RPS2
NCBI Official Synonym Symbols	S2; LLREP3
NCBI Protein Information	40S ribosomal protein S2; OK/KNS-cl.6; protein LLRep3; 40S ribosomal protein S4
UniProt Protein Name	40S ribosomal protein S2
UniProt Gene Name	RPS2
UniProt Synonym Gene Names	RPS4
UniProt Entry Name	RS2_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.