

Human Ubiquitin 40S ribosomal protein S27a (RPS27A) ELISA Kit | RPS27A elisa kit

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CATALOG #
AAA246310

REACTIVITY
Human

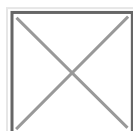
PRODUCT SYNONYMS

Ubiquitin 40S ribosomal protein S27a (RPS27A); Human Ubiquitin 40S ribosomal protein S27a (RPS27A) ELISA Kit; RPS27A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RPS27A. No significant cross-reactivity or interference between RPS27A and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RPS27A 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 RPS27A elisa kit

Principle of the Assay: RPS27A ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RPS27A antibody and an RPS27A-HRP conjugate. The assay sample and buffer are incubated together with RPS27A-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 RPS27A concentration since RPS27A from samples and RPS27A-HRP conjugate compete for the anti-RPS27A antibody binding site. Since the number of sites is limited, as more sites are occupied by RPS27A from the sample, fewer sites are left to bind RPS27A-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RPS27A concentration in each sample is interpolated from this standard curve.

Intended Uses: This RPS27A ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RPS27A. This ELISA kit for research use only, not for therapeutic or test applications!

Product Categories/Family for RPS27A elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	294459921
NCBI GeneID	6233
NCBI Accession #	NP_001170884.1
NCBI GenBank Nucleotide #	NM_001177413.1
Molecular Weight	17,965 Da
NCBI Official Full Name	ubiquitin-40S ribosomal protein S27a
NCBI Official Synonym Full Names	ribosomal protein S27a
NCBI Official Symbol	RPS27A
NCBI Official Synonym Symbols	UBC; S27A; CEP80; UBA80; HEL112; UBCEP1; UBCEP80
NCBI Protein Information	ubiquitin-40S ribosomal protein S27a; ubiquitin C; ubiquitin-CEP80; epididymis luminal protein 112; ubiquitin and ribosomal protein S27a; ubiquitin carboxyl extension protein 80
UniProt Protein Name	Ubiquitin-40S ribosomal protein S27a
UniProt Gene Name	RPS27A
UniProt Synonym Gene Names	UBA80; UBCEP1
UniProt Entry Name	RS27A_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://stage.aaabiotech.com/human-elisa-kits/ubiquitin-40s-ribosomal-protein-s27a-rps27a/246310>