

Human Ribosomal Protein S19 (RPS19) ELISA Kit | RPS19 elisa kit

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CATALOG #
AAA149205

REACTIVITY
Human

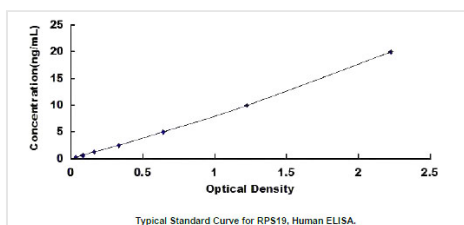
PRODUCT SYNONYMS

Ribosomal Protein S19 (RPS19); Human Ribosomal Protein S19 (RPS19) ELISA Kit; DBA; Diamond-Blackfan Anemia; 40S ribosomal protein S19; RPS19 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ROMO1. No significant cross-reactivity or interference between ROMO1 and analogues was observed.
Sequence Length	156
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.121ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ROMO1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level ROMO1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPS19 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ROMO1 in bovine tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to ROMO1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to ROMO1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ROMO1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of ROMO1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for RPS19 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	665391889
NCBI GeneID	32635
NCBI Accession #	NP_001285339.1
NCBI GenBank Nucleotide #	NM_001298410.1
UniProt Accession #	P39018; Q9VXE1; A4V4N1; B7Z0Y8
Molecular Weight	17,291 Da
NCBI Official Full Name	ribosomal protein S19a, isoform E
NCBI Official Synonym Full Names	Ribosomal protein S19a
NCBI Official Symbol	RpS19a
NCBI Official Synonym Symbols	BcDNA:GM26647; CG4464; DmelCG4464; Rp S19a; RpS19; S19; S19a
NCBI Protein Information	ribosomal protein S19a
UniProt Protein Name	40S ribosomal protein S19a
UniProt Gene Name	RpS19a
UniProt Synonym Gene Names	RpS19

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.