

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

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CATALOG #
AAA188328

REACTIVITY
Human

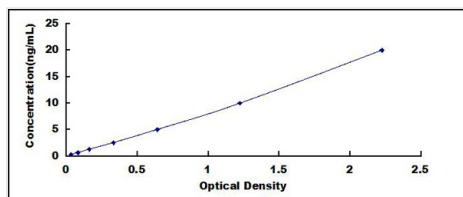
PRODUCT SYNONYMS

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 Ribosomal Protein S19 (RPS19). No significant cross-reactivity or interference between Ribosomal Protein S19 (RPS19) and analogues was observed.
Sequence Length	145
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.112ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Ribosomal Protein S19 (RPS19) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Ribosomal Protein S19 (RPS19) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ 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	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ribosomal Protein S19 (RPS19). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ribosomal Protein S19 (RPS19). 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 Ribosomal Protein S19 (RPS19), 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 Ribosomal Protein S19 (RPS19) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4210954
NCBI GeneID	6223
NCBI Official Full Name	ribosomal protein S19
NCBI Official Synonym Full Names	ribosomal protein S19
NCBI Official Symbol	RPS19
NCBI Official Synonym Symbols	DBA; S19; DBA1; eS19; LOH19CR1
NCBI Protein Information	40S ribosomal protein S19

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/ribosomal-protein-s19-rps19/188328>