

Human Ribosomal Protein L13A (RPL13A) ELISA Kit | RPL13A elisa kit

Human Ribosomal Protein L13A (RPL13A) ELISA Kit

CATALOG #
AAA66289

REACTIVITY
Human

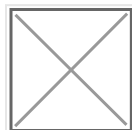
PRODUCT SYNONYMS

Ribosomal Protein L13A (RPL13A); Human Ribosomal Protein L13A (RPL13A) ELISA Kit; TSTA1; Tissue Specific Transplantation Antigen 1; 60S ribosomal protein L13a; 23 kDa highly basic protein; RPL13A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RPL13A. No significant cross-reactivity or interference between RPL13A and analogues was observed.
Sequence Length	142
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RPL13A 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 RPL13A were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RPL13A elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RPL13A in human tissue homogenates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RPL13A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RPL13A. 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 RPL13A, 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 RPL13A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	395132450
NCBI GeneID	23521
NCBI Accession #	NP_001257420.1
NCBI GenBank Nucleotide #	NM_001270491.1
UniProt Accession #	P40429; A8K505
Molecular Weight	23,577 Da
NCBI Official Full Name	60S ribosomal protein L13a isoform 2
NCBI Official Synonym Full Names	ribosomal protein L13a
NCBI Official Symbol	RPL13A
NCBI Official Synonym Symbols	L13A; TSTA1
NCBI Protein Information	60S ribosomal protein L13a
UniProt Protein Name	60S ribosomal protein L13a
UniProt Gene Name	RPL13A

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/ribosomal-protein-l13a-rpl13a/66289>