

Human Sjogren Syndrome Antigen A1 ELISA Kit | SSA1 elisa kit

Human Sjogren Syndrome Antigen A1 (SSA1) (Sandwich ELISA) ELISA Kit

CATALOG #
AAA189952

REACTIVITY
Human

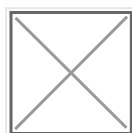
PRODUCT SYNONYMS

Sjogren Syndrome Antigen A1; Human Sjogren Syndrome Antigen A1 (SSA1) (Sandwich ELISA) ELISA Kit; RO52; RNF81; TRIM21; 52kDa; Ribonucleoprotein Autoantigen SS-A/Ro; Tripartite Motif-Containing 21; Autoantigen Ro; RING finger protein 81; ELISA Kit for Sjogren Syndrome Antigen A1 (SSA1); SSA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SSA1. No significant cross-reactivity or interference between SSA1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	< 0.60ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level SSA1 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 SSA1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SSA1 elisa kit

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to SSA1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to SSA1. 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 SSA1, 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 $\pm$ 10nm. The concentration of SSA1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of SSA1 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

Product Categories/Family for SSA1 elisa kit

[Immune molecule](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	133250
NCBI GeneID	6737
UniProt Accession #	P19474; Q5XPV5; Q96RF8
Molecular Weight	475
NCBI Official Full Name	E3 ubiquitin-protein ligase TRIM21
NCBI Official Synonym Full Names	tripartite motif containing 21
NCBI Official Symbol	TRIM21
NCBI Official Synonym Symbols	SSA; RO52; SSA1; RNF81; Ro/SSA
NCBI Protein Information	E3 ubiquitin-protein ligase TRIM21; SS-A; ro(SS-A); 52 kDa Ro protein; RING finger protein 81; Sicca syndrome antigen A; tripartite motif-containing 21; sjogren syndrome type A antigen; tripartite motif-containing protein 21; 52 kDa ribonucleoprotein aut
UniProt Protein Name	E3 ubiquitin-protein ligase TRIM21
UniProt Gene Name	TRIM21
UniProt Synonym Gene Names	RNF81; RO52; SSA1; SS-A
UniProt Entry Name	RO52_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/ssa1-human-elisa-kits/sjogren-syndrome-antigen-a1/189952>