

Human DNA-directed RNA polymerase II subunit RPB1, POLR2A ELISA Kit | POLR2A elisa kit

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CATALOG #
AAA123513

REACTIVITY
Human

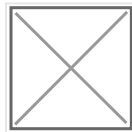
PRODUCT SYNONYMS

DNA-directed RNA polymerase II subunit RPB1; POLR2A; Human DNA-directed RNA polymerase II subunit RPB1; POLR2A ELISA Kit; POLR2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1970
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15-3000ng/L
Sensitivity	8.12ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POLR2A elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human DNA-directed RNA polymerase II subunit RPB1 (also known as POLR2A) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human POLR2A antibody. POLR2A present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human POLR2A Antibody is added and binds to POLR2A in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated POLR2A antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human POLR2A. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505939
NCBI GeneID	5430
NCBI GenBank Nucleotide #	NP_000928.1
UniProt Accession #	P24928
NCBI Official Full Name	DNA-directed RNA polymerase II subunit RPB1
NCBI Official Synonym Full Names	RNA polymerase II subunit A
NCBI Official Symbol	POLR2A
NCBI Official Synonym Symbols	RPB1; RPO2; POLR2; POLRA; RPBh1; RPOL2; RplILS; hsRPB1; hRPB220
NCBI Protein Information	DNA-directed RNA polymerase II subunit RPB1
UniProt Protein Name	DNA-directed RNA polymerase II subunit RPB1
UniProt Gene Name	POLR2A
UniProt Synonym Gene Names	POLR2; RNA polymerase II subunit B1
UniProt Entry Name	RPB1_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/dna-directed-rna-polymerase-ii-subunit-rpb1-polr2a/123513>