

Human CPSF1 (Cleavage and polyadenylation specificity factor subunit 1) ELISA Kit | CPSF1 elisa kit

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CATALOG #
AAA250822

REACTIVITY
Human

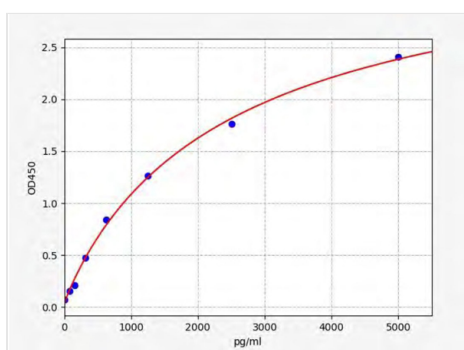
PRODUCT SYNONYMS

CPSF1 (Cleavage and polyadenylation specificity factor subunit 1); Human CPSF1 (Cleavage and polyadenylation specificity factor subunit 1) ELISA Kit; CPSF1; Cleavage and polyadenylation specificity factor subunit 1; Cleavage and polyadenylation specificity factor 160 kDa subunit (CPSF 160 kDa subunit); CPSF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize CPSF1, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Cell lysates, tissue homogenates and other biological samples
Detection Range	78.13-5000pg/ml
Sensitivity	46.88pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPSF1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was precoated onto the 96-well plate. The biotin conjugated antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with antigen conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding acidic stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of target antigen in the sample is positively correlated with OD450 and can be calculated by plotting the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56676371
NCBI GeneID	29894
NCBI Accession #	NP_037423.2
NCBI GenBank Nucleotide #	NM_013291.2
UniProt Accession #	Q10570; Q96AF0
Molecular Weight	160,884 Da
NCBI Official Full Name	cleavage and polyadenylation specificity factor subunit 1
NCBI Official Synonym Full Names	cleavage and polyadenylation specific factor 1
NCBI Official Symbol	CPSF1
NCBI Official Synonym Symbols	CPSF160; P/cl.18; HSU37012
NCBI Protein Information	cleavage and polyadenylation specificity factor subunit 1
UniProt Protein Name	Cleavage and polyadenylation specificity factor subunit 1
UniProt Gene Name	CPSF1
UniProt Synonym Gene Names	CPSF160; CPSF 160 kDa subunit

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.