

Human PSMC3 (26S proteasome regulatory subunit 6A) ELISA Kit | PSMC3 elisa kit

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CATALOG #
AAA250303

REACTIVITY
Human

PRODUCT SYNONYMS

PSMC3 (26S proteasome regulatory subunit 6A); Human PSMC3 (26S proteasome regulatory subunit 6A) ELISA Kit; 26S proteasome regulatory subunit 6A; 26S proteasome AAA-ATPase subunit RPT5; Proteasome 26S subunit ATPase 3; Proteasome subunit P50; Tat-binding protein 1; TBP-1; TBP1; PSMC3; PSMC3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSMC3. No significant cross-reactivity or interference between PSMC3 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for PSMC3 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361144
NCBI GeneID	5702
NCBI Accession #	NP_002795.2
NCBI GenBank Nucleotide #	NM_002804.4
UniProt Accession #	P17980 ; Q3B757 ; Q3B865 ; Q53HU5 ; Q6GPG8 ; Q6IBS1 ; Q96HD3 ; B2R8V1
Molecular Weight	49,204 Da
NCBI Official Full Name	26S protease regulatory subunit 6A

NCBI Official Synonym Full Names	proteasome (prosome, macropain) 26S subunit, ATPase, 3
NCBI Official Symbol	PSMC3
NCBI Official Synonym Symbols	TBP1
NCBI Protein Information	26S protease regulatory subunit 6A; TBP-1; Tat-binding protein 1; proteasome subunit P50; proteasome 26S subunit ATPase 3; 26S proteasome AAA-ATPase subunit RPT5; human immunodeficiency virus tat transactivator binding protein-1
UniProt Protein Name	26S protease regulatory subunit 6A
UniProt Gene Name	PSMC3
UniProt Synonym Gene Names	TBP1; TBP-1
UniProt Entry Name	PRS6A_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://www.aaabiotech.com/human-elisa-kits/psmc3-26s-proteasome-regulatory-subunit-6a/250303>