

Human Proteasome Activator Subunit 3 (PSME3) ELISA Kit | PSME3 elisa kit

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CATALOG #
AAA67481

REACTIVITY
Human

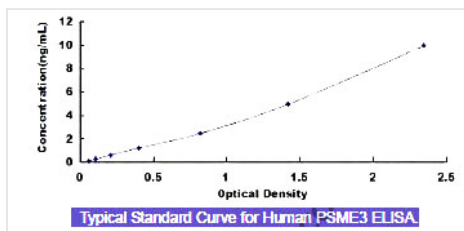
PRODUCT SYNONYMS

Proteasome Activator Subunit 3 (PSME3); Human Proteasome Activator Subunit 3 (PSME3) ELISA Kit; Ki; PA28G; REG-GAMMA; 11S regulator complex subunit gamma; Activator of multicatalytic protease subunit 3; Ki nuclear autoantigen; Proteasome activator 28 subunit gamma; PSME3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PSME3. No significant cross-reactivity or interference between PSME3 and analogues was observed.
Sequence Length	254
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.054ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PSME3 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 PSME3 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 PSME3 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PSME3 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PSME3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PSME3. 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 PSME3, 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 PSME3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	30410794
NCBI GeneID	10197
NCBI Accession #	NP_005780.2
NCBI GenBank Nucleotide #	NM_005789.3
UniProt Accession #	P61289; O35563; P97373; Q12920; Q13172; Q9BQD9; A8K9A3
Molecular Weight	30,890 Da
NCBI Official Full Name	proteasome activator complex subunit 3 isoform 1
NCBI Official Synonym Full Names	proteasome activator subunit 3
NCBI Official Symbol	PSME3
NCBI Official Synonym Symbols	Ki; PA28G; HEL-S-283; PA28gamma; REG-GAMMA; PA28-gamma
NCBI Protein Information	proteasome activator complex subunit 3
UniProt Protein Name	Proteasome activator complex subunit 3
UniProt Gene Name	PSME3
UniProt Synonym Gene Names	REG-gamma; PA28g; PA28gamma

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.