

Human Proteasome Assembly Chaperone 2 (PSMG2) ELISA Kit | PSMG2 elisa kit

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CATALOG #
AAA186435

REACTIVITY
Human

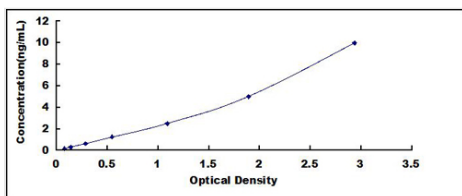
PRODUCT SYNONYMS

Proteasome Assembly Chaperone 2 (PSMG2); Human Proteasome Assembly Chaperone 2 (PSMG2) ELISA Kit; HCCA3; CLAST3; PAC2; TNFSF5IP1; TNF Superfamily; Member 5-Induced Protein 1; Hepatocellular Carcinoma Susceptibility Protein; CD40 Ligand-Activated Specific Transcript 3; PSMG2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Proteasome Assembly Chaperone 2 (PSMG2). No significant cross-reactivity or interference between Proteasome Assembly Chaperone 2 (PSMG2) and analogues was observed.
Sequence Length	264
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates, Cell Culture Supernates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.067ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Proteasome Assembly Chaperone 2 (PSMG2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Proteasome Assembly Chaperone 2 (PSMG2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PSMG2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Proteasome Assembly Chaperone 2 (PSMG2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Proteasome Assembly Chaperone 2 (PSMG2). 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 Proteasome Assembly Chaperone 2 (PSMG2), 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 Proteasome Assembly Chaperone 2 (PSMG2) 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 #	114052206
NCBI GeneID	533993
NCBI Accession #	NP_001039830.1
NCBI GenBank Nucleotide #	NM_001046365.2
UniProt Accession #	Q2NL24
Molecular Weight	29,224 Da
NCBI Official Full Name	proteasome assembly chaperone 2
NCBI Official Synonym Full Names	proteasome assembly chaperone 2
NCBI Official Symbol	PSMG2
NCBI Protein Information	proteasome assembly chaperone 2
UniProt Protein Name	Proteasome assembly chaperone 2
UniProt Gene Name	PSMG2

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/proteasome-assembly-chaperone-2-psmg2/186435>