

Human Polycomb Group Ring Finger Protein 4 (PCGF4) ELISA Kit | PCGF4 elisa kit

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CATALOG #
AAA65445

REACTIVITY
Human

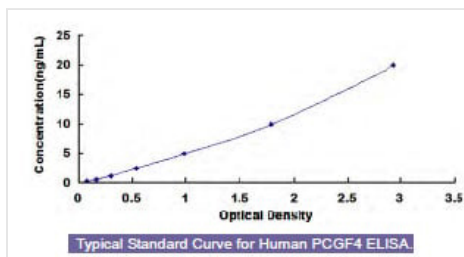
PRODUCT SYNONYMS

Polycomb Group Ring Finger Protein 4 (PCGF4); Human Polycomb Group Ring Finger Protein 4 (PCGF4) ELISA Kit; CAAT box DNA-binding protein subunit C; NF- κ B; Nuclear transcription factor Y subunit C; Nuclear transcription factor Y subunit gamma; Transactivator HSM-1/2; PCGF4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PCGF4. No significant cross-reactivity or interference between PCGF4 and analogues was observed.
Sequence Length	469
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PCGF4 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 PCGF4 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 PCGF4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PCGF4 in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PCGF4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PCGF4. 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 PCGF4, 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 PCGF4 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 #	323276616
NCBI GeneID	100532731
NCBI Accession #	NP_001190991.1
NCBI GenBank Nucleotide #	NM_001204062.1
UniProt Accession #	P35226; Q16030; Q5T8Z3; Q96F37
Molecular Weight	36,949 Da
NCBI Official Full Name	COMMD3-BMI1 read-through protein
NCBI Official Synonym Full Names	COMMD3-BMI1 readthrough
NCBI Official Symbol	COMMD3-BMI1
NCBI Protein Information	COMMD3-BMI1 read-through protein
UniProt Protein Name	Polycomb complex protein BMI-1
UniProt Gene Name	BMI1
UniProt Synonym Gene Names	PCGF4; RNF51

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/polycomb-group-ring-finger-protein-4-pcgf4/65445>