

Human Polybromo 1 (PBRM1) ELISA Kit | PBRM1 elisa kit

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CATALOG #
AAA189865

REACTIVITY
Human

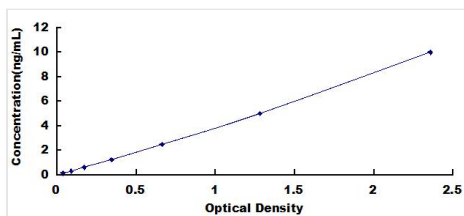
PRODUCT SYNONYMS

Polybromo 1 (PBRM1); Human Polybromo 1 (PBRM1) ELISA Kit; PB1; BAF180; BRG1-associated factor 180; PBRM1/Polybromo 1; PBRM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PBRM1. No significant cross-reactivity or interference between PBRM1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PBRM1 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 PBRM1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 4 degree C for 1 month/-20 degree C for long-term (within shelf life) Shelf Life: 8 months 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 PBRM1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to PBRM1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to PBRM1. 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 PBRM1, 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 PBRM1 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PBRM1 in human tissue homogenates, cell lysates and other biological fluids.
Product Categories/Family for PBRM1 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	30794372
NCBI GeneID	55193
NCBI Accession #	NP_060635
NCBI GenBank Nucleotide #	NM_018165
UniProt Accession #	Q86U86; Q1RMD1; Q1RMD2; Q96MS2; Q9H2T3; Q9H2T4; Q9H2T5; Q9H301; Q9H314; A1L381; A1L382; A4FUJ7
Molecular Weight	184,043 Da
NCBI Official Synonym Full Names	polybromo 1
NCBI Official Symbol	PBRM1
NCBI Official Synonym Symbols	PB1; BAF180
NCBI Protein Information	protein polybromo-1
UniProt Protein Name	Protein polybromo-1
UniProt Gene Name	PBRM1
UniProt Synonym Gene Names	BAF180; PB1; hPB1; BAF180
UniProt Entry Name	PB1_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.