

Mouse PR Domain Containing Protein 1 (PRDM1) ELISA Kit | PRDM1 elisa kit

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CATALOG #
AAA189876

REACTIVITY
Mouse

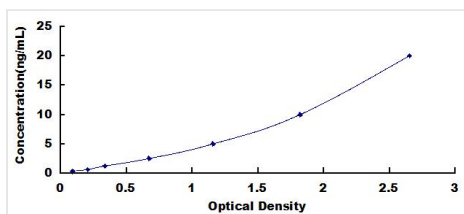
PRODUCT SYNONYMS

PR Domain Containing Protein 1 (PRDM1); Mouse PR Domain Containing Protein 1 (PRDM1) ELISA Kit; BLIMP1; PRDI-BF1; Beta-interferon gene positive regulatory domain I-binding factor; PR domain-containing protein 1; Positive regulatory domain I-binding factor 1; PRDM1/PR Domain Containing Protein 1; PRDM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PRDM1. No significant cross-reactivity or interference between PRDM1 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PRDM1 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 PRDM1 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 PRDM1 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to PRDM1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to PRDM1. 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 PRDM1, 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 PRDM1 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 PRDM1 in mouse tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for PRDM1 elisa kit	Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	172073164
NCBI GeneID	12142
NCBI Accession #	NP_031574.2
NCBI GenBank Nucleotide #	NM_007548.3
UniProt Accession #	Q60636; Q3UET9; A2VDE8
Molecular Weight	95,836 Da
NCBI Official Full Name	PR domain zinc finger protein 1
NCBI Official Synonym Full Names	PR domain containing 1, with ZNF domain
NCBI Official Symbol	Prdm1
NCBI Official Synonym Symbols	Blimp1; Blimp-1; PRDI-BF1; ZNFPR1A1; b2b1765Clo
NCBI Protein Information	PR domain zinc finger protein 1; PR domain-containing protein 1; PR domain containing 1 with ZNF domain; B lymphocyte induced maturation protein; B lymphocyte-induced maturation protein 1; beta-interferon gene positive regulatory domain I-binding factor
UniProt Protein Name	PR domain zinc finger protein 1
UniProt Gene Name	Prdm1
UniProt Synonym Gene Names	Blimp1; Blimp-1
UniProt Entry Name	PRDM1_MOUSE

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.