

Mouse PR domain containing 16 ELISA Kit | PRDM16 elisa kit

Mouse PR domain zinc finger protein 16, PRDM16 ELISA Kit

CATALOG #
AAA112347

REACTIVITY
Mouse

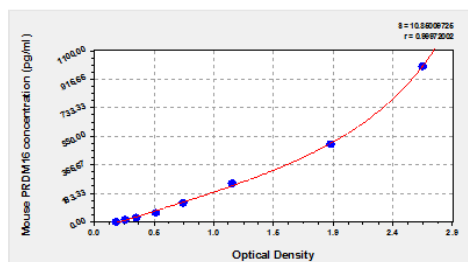
PRODUCT SYNONYMS

PR domain containing 16; Mouse PR domain zinc finger protein 16; PRDM16 ELISA Kit; Mouse PR domain zinc finger protein 16 (PRDM16) ELISA kit; KIAA1675; MEL1; MGC166915; PFM13; MDS1/EVI1-like; PR-domain zinc finger protein 16; transcription factor MEL1; PRDM16 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse PRDM16. No significant cross-reactivity or interference between mouse PRDM16 and analogues was observed.
Sequence Length	1274
Samples	Serum, plasma, tissue homogenates, Cell lysates
Assay Type	Sandwich
Detection Range	15.6 pg/ml -1000 pg/ml.
Sensitivity	The minimum detectable dose of mouse PRDM16 is typically less than 3.9 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRDM16 elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PRDM16 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRDM16 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRDM16 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRDM16 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597517895
NCBI GeneID	70673
NCBI Accession #	NP_001277955.1
NCBI GenBank Nucleotide #	NM_001291026.1
UniProt Accession #	A2A935; Q69ZD6; Q6PB79; Q7TPF4
Molecular Weight	140,858 Da
NCBI Official Full Name	PR domain zinc finger protein 16 isoform 3
NCBI Official Synonym Full Names	PR domain containing 16
NCBI Official Symbol	Prdm16
NCBI Official Synonym Symbols	csp1; mel1; 5730557K01Rik
NCBI Protein Information	PR domain zinc finger protein 16; line 27; MDS1/EVI1-like gene 1; transcription factor MEL1; PR domain-containing protein 16
UniProt Protein Name	PR domain zinc finger protein 16
UniProt Gene Name	Prdm16
UniProt Synonym Gene Names	Kiaa1675; Mel1; MDS1/EVI1-like gene 1
UniProt Entry Name	PRD16_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.

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Online datasheet: <https://stage.aaabiotech.com/prdm16-mouse-elisa-kits/pr-domain-containing-16/112347>