

Human MZB1 (Marginal zone B-and B1-cell-specific protein) ELISA Kit | MZB1 elisa kit

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CATALOG #
AAA249279

REACTIVITY
Human

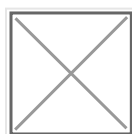
PRODUCT SYNONYMS

MZB1 (Marginal zone B-and B1-cell-specific protein); Human MZB1 (Marginal zone B-and B1-cell-specific protein) ELISA Kit; hypothetical protein MGC29506; MZB1; PACAP; pERp1; MZB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MZB1. No significant cross-reactivity or interference between MZB1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MZB1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	117938314
NCBI GeneID	51237

NCBI Accession #	NP_057543
NCBI GenBank Nucleotide #	NM_016459
UniProt Accession #	Q8WU39 ; Q7Z6N2 ; Q96RL5 ; Q9P0T3 ; D2IYS0
Molecular Weight	6,681 Da
NCBI Official Full Name	marginal zone B- and B1-cell-specific protein
NCBI Official Synonym Full Names	marginal zone B and B1 cell-specific protein
NCBI Official Symbol	MZB1
NCBI Official Synonym Symbols	PACAP; pERp1; MEDA-7
NCBI Protein Information	marginal zone B- and B1-cell-specific protein; HSPC190; caspase-2 binding protein; mesenteric estrogen-dependent adipose 7; mesenteric oestrogen-dependent adipose gene- 7; plasma cell-induced ER protein 1; plasma cell-induced resident ER protein; plasma c
UniProt Protein Name	Marginal zone B- and B1-cell-specific protein
UniProt Gene Name	MZB1
UniProt Synonym Gene Names	MEDA7; PACAP; MEDA-7; Plasma cell-induced resident ER protein; pERp1
UniProt Entry Name	MZB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/mzb1-marginal-zone-b-and-b1-cell-specific-protein/249279>