

Mouse Z-DNA binding protein 1 (ZBP1) ELISA Kit | ZBP1 elisa kit

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CATALOG #
AAA87312

REACTIVITY
Mouse

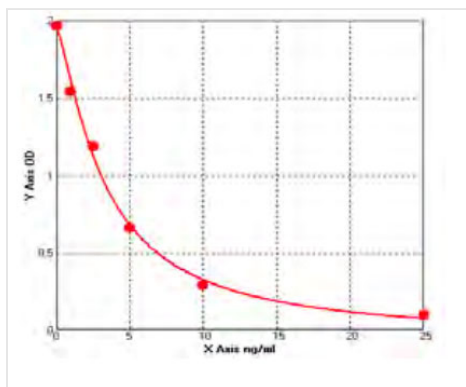
PRODUCT SYNONYMS

Z-DNA binding protein 1 (ZBP1); Mouse Z-DNA binding protein 1 (ZBP1) ELISA Kit; ZBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ZBP1. No significant cross-reactivity or interference between ZBP1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ZBP1 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This ZBP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ZBP. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ZBP1 elisa kit	Principle of the Assay: ZBP1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ZBP1 antibody and an ZBP1-HRP conjugate. The assay sample and buffer are incubated together with ZBP1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ZBP1 concentration since ZBP1 from samples and ZBP1-HRP conjugate compete for the anti-ZBP1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ZBP1 from the sample, fewer sites are left to bind ZBP1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ZBP1 concentration in each sample is interpolated from this standard curve. Intended Uses: This ZBP1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ZBP1. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ZBP1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	238550212
NCBI GeneID	81030
NCBI Accession #	NP_001153891.1
NCBI GenBank Nucleotide #	NM_001160419.2
Molecular Weight	38,220 Da
NCBI Official Full Name	Z-DNA-binding protein 1 isoform d
NCBI Official Synonym Full Names	Z-DNA binding protein 1
NCBI Official Symbol	ZBP1
NCBI Official Synonym Symbols	DAI; DLM1; DLM-1; C20orf183
NCBI Protein Information	Z-DNA-binding protein 1; DNA-dependent activator of IRFs; DNA-dependent activator of IFN-regulatory factors; tumor stroma and activated macrophage protein DLM-1; DNA-dependent activator of interferon regulatory factors
UniProt Protein Name	Z-DNA-binding protein 1
UniProt Gene Name	ZBP1
UniProt Synonym Gene Names	C20orf183; DLM1
UniProt Entry Name	ZBP1_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/z-dna-binding-protein-1-zbp1/87312>