

Human DNA-binding protein Ikaros ELISA Kit | IKZF1 elisa kit

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CATALOG #
AAA100049

REACTIVITY
Human

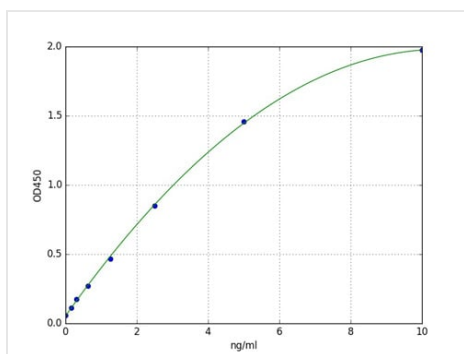
PRODUCT SYNONYMS

DNA-binding protein Ikaros; Human DNA-binding protein Ikaros ELISA Kit; IKZF1/DNA-binding protein Ikaros/Ikaros family zinc finger protein 1/Lymphoid transcription factor LyF-1/IK1/IKAROS/LYF1/PRO0758/ZNFN1A1/hlk-1/ZNFN1A1CLL-associated antigen KW-6; IKZF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	519
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
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)

Typical Data & Standard Curve
Results of a typical standard run of a IKZF1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.079	0.200	0.318	0.479	0.716	1.196	1.803	2.021

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IKZF1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-IKZF1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-IKZF1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 IKZF1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of IKZF1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5174501
NCBI GeneID	10320
NCBI Accession #	NP_006051.1
NCBI GenBank Nucleotide #	NM_006060.5
Molecular Weight	24,470 Da
NCBI Official Full Name	DNA-binding protein Ikaros isoform 1
NCBI Official Synonym Full Names	IKAROS family zinc finger 1
NCBI Official Symbol	IKZF1
NCBI Official Synonym Symbols	IK1; LYF1; LyF-1; IKAROS; PPP1R92; PRO0758; ZNFN1A1; Hs.54452
NCBI Protein Information	DNA-binding protein Ikaros
UniProt Protein Name	DNA-binding protein Ikaros
UniProt Gene Name	IKZF1
UniProt Synonym Gene Names	IK1; IKAROS; LYF1; ZNFN1A1
UniProt Entry Name	IKZF1_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/ikzf1-human-elisa-kits/dna-binding-protein-ikaros/100049>