

Human Dual specificity protein phosphatase 9 ELISA Kit | DUSP9 elisa kit

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CATALOG #
AAA102486

REACTIVITY
Human

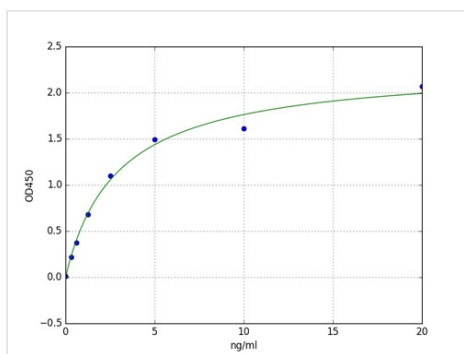
PRODUCT SYNONYMS

Dual specificity protein phosphatase 9; Human Dual specificity protein phosphatase 9 ELISA Kit; DUSP9/MKP4/MAP kinase phosphatase 4/MKP-4/Mitogen-activated protein kinase phosphatase 4; DUSP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	384
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Human DUSP9 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.087	0.149	0.203	0.304	0.532	0.923	1.549	2.303

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DUSP9 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human DUSP9 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human DUSP9 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. HRPStreptavidin 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 Human DUSP9 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human DUSP9 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	972781550
NCBI GeneID	1852
NCBI Accession #	NP_001305432.1
NCBI GenBank Nucleotide #	NM_001318503.1
Molecular Weight	41,868 Da
NCBI Official Full Name	dual specificity protein phosphatase 9
NCBI Official Synonym Full Names	dual specificity phosphatase 9
NCBI Official Symbol	DUSP9
NCBI Official Synonym Symbols	MKP4; MKP-4
NCBI Protein Information	dual specificity protein phosphatase 9
UniProt Protein Name	Dual specificity protein phosphatase 9
UniProt Gene Name	DUSP9
UniProt Synonym Gene Names	MKP4; MAP kinase phosphatase 4; MKP-4
UniProt Entry Name	DUS9_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/dusp9-human-elisa-kits/dual-specificity-protein-phosphatase-9/102486>