

Human Dual Specificity Phosphatase 1 (DUSP1) ELISA Kit | DUSP1 elisa kit

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CATALOG #
AAA41349

REACTIVITY
Human

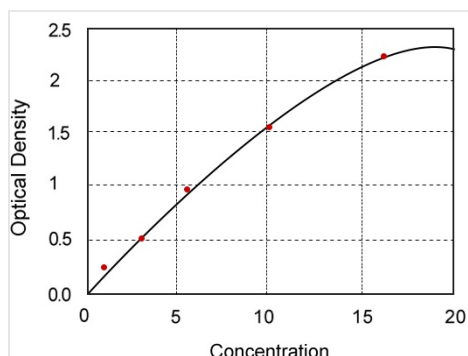
PRODUCT SYNONYMS

Dual Specificity Phosphatase 1 (DUSP1); Human Dual Specificity Phosphatase 1 (DUSP1) ELISA Kit; DUSP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	367
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.11ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DUSP1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Dual Specificity Phosphatase 1 (also known as DUSP1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human DUSP1 antibody. DUSP1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human DUSP1 Antibody is added and binds to DUSP1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DUSP1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human DUSP1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758204
NCBI GeneID	1843
NCBI Accession #	NP_004408.1
NCBI GenBank Nucleotide #	NM_004417.3
UniProt Accession #	P28562; Q2V508; D3DQL9
Molecular Weight	39,298 Da
NCBI Official Full Name	dual specificity protein phosphatase 1
NCBI Official Synonym Full Names	dual specificity phosphatase 1
NCBI Official Symbol	DUSP1
NCBI Official Synonym Symbols	HVH1; MKP1; CL100; MKP-1; PTPN10
NCBI Protein Information	dual specificity protein phosphatase 1
UniProt Protein Name	Dual specificity protein phosphatase 1
UniProt Gene Name	DUSP1
UniProt Synonym Gene Names	MAP kinase phosphatase 1; MKP-1

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/human-elisa-kits/dual-specificity-phosphatase-1-dusp1/41349>