

Human inhibitor of DNA binding 1, dominant negative helix-loop-helix protein ELISA Kit | ID1 elisa kit

Human DNA-binding protein inhibitor ID-1, ID1 ELISA Kit

CATALOG #
AAA18094

REACTIVITY
Human

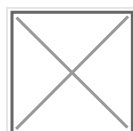
PRODUCT SYNONYMS

inhibitor of DNA binding 1; dominant negative helix-loop-helix protein; Human DNA-binding protein inhibitor ID-1; ID1 ELISA Kit; Human DNA-binding protein inhibitor ID-1 (ID1) ELISA kit; ID; bHLHb24; DNA-binding protein inhibitor ID-1; dJ857M17.1.2 (inhibitor of DNA binding 1; dominant negative helix-loop-helix protein) ; inhibitor of differentiation 1; ID1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human ID1. No significant cross-reactivity or interference between human ID1 and analogues was observed.
Sequence Length	155
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ID1 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for ID1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ID1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for ID1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of ID1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31317299
NCBI GeneID	3397
NCBI Accession #	NP_002156.2
NCBI GenBank Nucleotide #	NM_002165.3
UniProt Accession #	P41134; O00651; O00652; Q16371; Q16377; Q5TE66; Q5TE67; Q969Z7; Q9H0Z5; Q9H109; A8K537; E1P5L4
Molecular Weight	16,133 Da
NCBI Official Full Name	DNA-binding protein inhibitor ID-1 isoform a
NCBI Official Synonym Full Names	inhibitor of DNA binding 1, dominant negative helix-loop-helix protein
NCBI Official Symbol	ID1
NCBI Official Synonym Symbols	ID; bHLHb24
NCBI Protein Information	DNA-binding protein inhibitor ID-1; inhibitor of differentiation 1; class B basic helix-loop-helix protein 24; dJ857M17.1.2 (inhibitor of DNA binding 1, dominant negative helix-loop-helix protein)
UniProt Protein Name	DNA-binding protein inhibitor ID-1
UniProt Gene Name	ID1
UniProt Synonym Gene Names	BHLHB24; ID; bHLHb24
UniProt Entry Name	ID1_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/id1-human-elisa-kits/inhibitor-of-dna-binding-1-dominant-negative-helix-loop-helix-protein/18094>