

Human DDB2 (DNA damage-binding protein 2) ELISA Kit | DDB2 elisa kit

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CATALOG #
AAA249934

REACTIVITY
Human

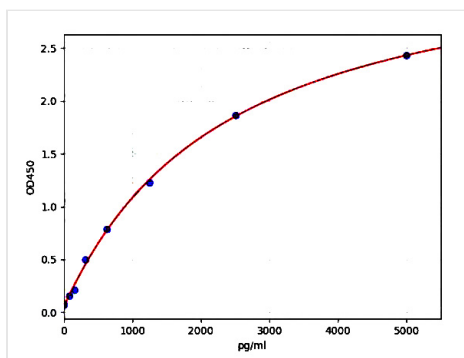
PRODUCT SYNONYMS

DDB2 (DNA damage-binding protein 2); Human DDB2 (DNA damage-binding protein 2) ELISA Kit; DNA damage-binding protein 2; DDB p48 subunit; DDBb; Damage-specific DNA-binding protein 2; UV-damaged DNA-binding protein 2; UV-DDB 2; DDB2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DDB2. No significant cross-reactivity or interference between DDB2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for DDB2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12230033
NCBI GeneID	1643
UniProt Accession #	Q92466; Q76E54; Q76E55; Q76E56; Q76E57; B2R875
Molecular Weight	427
NCBI Official Full Name	DNA damage-binding protein 2
NCBI Official Synonym Full Names	damage-specific DNA binding protein 2, 48kDa
NCBI Official Symbol	DDB2
NCBI Official Synonym Symbols	DDBB; UV-DDB2
NCBI Protein Information	DNA damage-binding protein 2; UV-DDB 2; DDB p48 subunit; UV-damaged DNA-binding protein 2; damage-specific DNA-binding protein 2; xeroderma pigmentosum group E protein
UniProt Protein Name	DNA damage-binding protein 2
UniProt Gene Name	DDB2
UniProt Synonym Gene Names	DDBb; UV-DDB 2
UniProt Entry Name	DDB2_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.