

Rat DNA damage-inducible transcript 3 protein ELISA Kit | Ddit3 elisa kit

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CATALOG #
AAA192066

REACTIVITY
Rat

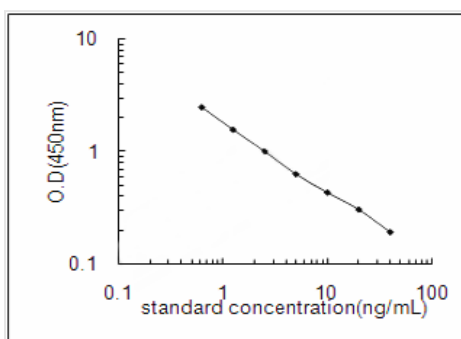
PRODUCT SYNONYMS

DNA damage-inducible transcript 3 protein; Rat DNA damage-inducible transcript 3 protein ELISA Kit; DDIT-3; C/EBP-homologous protein; CHOP; C/EBP-homologous protein 10; CHOP-10; Growth arrest and DNA-damage-inducible protein; Ddit3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural Rat DDIT-3. No significant cross-reactivity or interference was observed.
Sequence Length	168
Samples	Serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids
Assay Type	Quantitative Competitive
Detection Range	0.62-40.0 ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ddit3 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat dna damage-inducible transcript 3 protein,DDIT-3 concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids. Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to DDIT-3, During the reaction, DDIT-3 in the sample or standard competes with a fixed amount of biotin-labeled DDIT-3 for sites on a pre-coated Monoclonal antibody specific to DDIT-3. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of DDIT-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	81890307
NCBI GeneID	29467
UniProt Accession #	Q62857
Molecular Weight	19,013 Da
NCBI Official Full Name	DNA damage-inducible transcript 3 protein
NCBI Official Synonym Full Names	DNA-damage inducible transcript 3
NCBI Official Symbol	Ddit3
NCBI Official Synonym Symbols	CHOP; Chop10; CHOP-10; Gadd153
NCBI Protein Information	DNA damage-inducible transcript 3 protein
UniProt Protein Name	DNA damage-inducible transcript 3 protein
UniProt Gene Name	Ddit3
UniProt Synonym Gene Names	Chop; Chop10; Gadd153; DDIT-3; CHOP; CHOP-10
UniProt Entry Name	DDIT3_RAT

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/ddit3-rat-elisa-kits/dna-damage-inducible-transcript-3-protein/192066>