

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

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CATALOG #
AAA101710

REACTIVITY
Rat

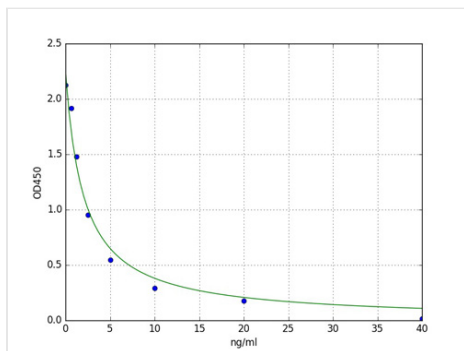
PRODUCT SYNONYMS

DNA damage-inducible transcript 3 protein; Rat DNA damage-inducible transcript 3 protein ELISA Kit; Ddit3/CEBP zeta/CHOP/CHOP10/C; EBP-homologous protein/C; EBP-homologous protein 10/CCAAT; enhancer-binding protein homologous protein/CHOP-10/CHOP10 CEBPZ/CHOPC; EBP zeta/DDIT-3/GADD153/Growth arrest and DNA damage-inducible protein GADD153; Ddit3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	168
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/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 Rat Ddit3 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	0.625	1.25	2.5	5	10	20	40
Y	OD450	2.202	1.840	1.569	1.233	0.908	0.620	0.470	0.367

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ddit3 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat Ddit3. During the reaction, Rat Ddit3 in the sample or standard competes with a fixed amount of biotin-labeled Rat Ddit3 for sites on a pre-coated Monoclonal antibody specific to Rat Ddit3. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) 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. The concentration of Rat Ddit3 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158517888
NCBI GeneID	29467
NCBI Accession #	NP_001103456.1
NCBI GenBank Nucleotide #	NM_001109986.1
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/101710>