

Human DNA Damage Inducible Transcript 3 ELISA Kit | DDIT3 elisa kit

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CATALOG #
AAA88047

REACTIVITY
Human

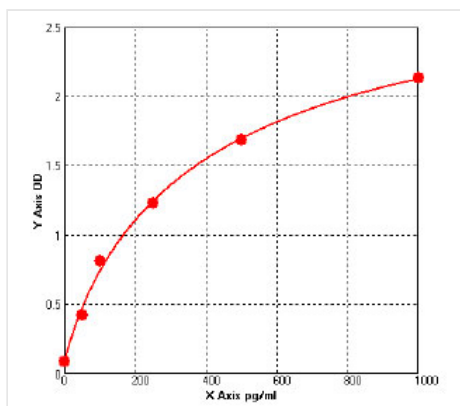
PRODUCT SYNONYMS

DNA Damage Inducible Transcript 3; Human DNA Damage Inducible Transcript 3 ELISA Kit; DDIT3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DDIT3. No significant cross-reactivity or interference between DDIT3 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between DDIT3 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Sandwich
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DDIT3 elisa kit	Intended Uses: This DDIT3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human DDIT3. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: DDIT3 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for DDIT3. Standards or samples are then added to the microtiter plate wells and DDIT3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of DDIT3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for DDIT3 are added to each well to "sandwich" the DDIT3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain DDIT3 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The DDIT3 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for DDIT3 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	304282234
NCBI GeneID	1649
NCBI Accession #	NP_001181986.1
NCBI GenBank Nucleotide #	NM_001195057.1
Molecular Weight	21,700 Da
NCBI Official Full Name	DNA damage-inducible transcript 3 protein isoform 2
NCBI Official Synonym Full Names	DNA-damage-inducible transcript 3
NCBI Official Symbol	DDIT3
NCBI Official Synonym Symbols	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153
NCBI Protein Information	DNA damage-inducible transcript 3 protein; DDIT-3; C/EBP zeta; c/EBP-homologous protein 10; CCAAT/enhancer-binding protein homologous protein; growth arrest and DNA damage-inducible protein GADD153
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_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/ddit3-human-elisa-kits/dna-damage-inducible-transcript-3/88047>