

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

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CATALOG #
AAA247159

REACTIVITY
Human

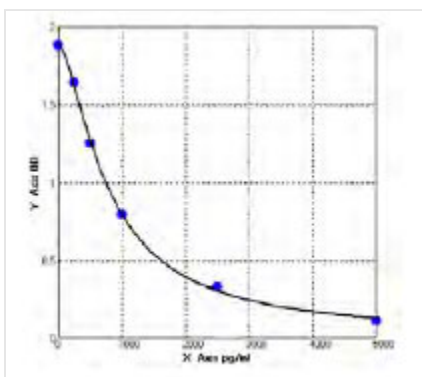
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	211
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.

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 Goat DDIT3. This ELISA kit for research use only!

Principle of the Assay: DDIT3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-DDIT3 antibody and an DDIT3-HRP conjugate. The assay sample and buffer are incubated together with DDIT3-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the DDIT3 concentration since DDIT3 from samples and DDIT3-HRP conjugate compete for the anti-DDIT3 antibody binding site. Since the number of sites is limited, as more sites are occupied by DDIT3 from the sample, fewer sites are left to bind DDIT3-HRP conjugate. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148229838
NCBI GeneID	398615
NCBI Accession #	NP_001082635.1
NCBI GenBank Nucleotide #	NM_001089166.1
NCBI Official Full Name	DNA damage inducible transcript 3 L homeolog
NCBI Official Synonym Full Names	DNA damage inducible transcript 3 L homeolog
NCBI Official Symbol	ddit3.L
NCBI Official Synonym Symbols	chop; Xchop; ddit3; gadd153
NCBI Protein Information	DNA damage inducible transcript 3 L homeolog

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-3/247159>