

Rat DNA damage-inducible transcript 3 protein ELISA Kit | Gadd153 elisa kit

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CATALOG #
AAA123103

REACTIVITY
Rat

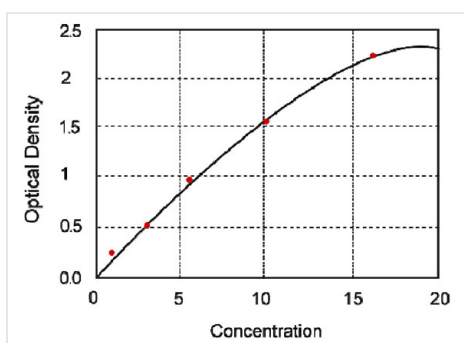
PRODUCT SYNONYMS

DNA damage-inducible transcript 3 protein; Rat DNA damage-inducible transcript 3 protein ELISA Kit; Gadd153 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	168
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-15ng/ml
Sensitivity	0.014ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gadd153 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat DDIT3;CHOP;GADD153 antibody. DDIT3;CHOP;GADD153 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat DDIT3;CHOP;GADD153 Antibody is added and binds to DDIT3;CHOP;GADD153 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DDIT3;CHOP;GADD153 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat DDIT3;CHOP;GADD153. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat DNA damage-inducible transcript 3 protein (also known as DDIT3;CHOP;GADD153) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	252002
NCBI GeneID	2726
UniProt Accession #	P35638; P0DPQ6
NCBI Official Full Name	Gadd153
NCBI Official Synonym Full Names	DNA damage inducible transcript 3
NCBI Official Symbol	DDIT3
NCBI Official Synonym Symbols	CHOP; CEBPZ; CHOP10; CHOP-10; GADD153; AltDDIT3; C/EBPzeta
NCBI Protein Information	DNA damage-inducible transcript 3 protein

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/gadd153-rat-elisa-kits/dna-damage-inducible-transcript-3-protein/123103>