

Human Growth Arrest And DNA Damage Inducible Protein Alpha (GADD45a) ELISA Kit | GADD45a elisa kit

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CATALOG # AAA42484	REACTIVITY Human
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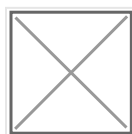
PRODUCT SYNONYMS

Growth Arrest And DNA Damage Inducible Protein Alpha (GADD45a); Human Growth Arrest And DNA Damage Inducible Protein Alpha (GADD45a) ELISA Kit; GADD45a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	60
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 30ng/ml
Sensitivity	0.023ng/ml
Intra-Assay	CV<8%
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 GADD45a elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Growth Arrest and DNA Damage Inducible Protein Alpha (also known as GADD45a) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human GADD45a antibody. GADD45a present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human GADD45a Antibody is added and binds to GADD45a in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GADD45a 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 human GADD45a. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315075325
NCBI GeneID	1647
NCBI Accession #	NP_001186671.1
NCBI GenBank Nucleotide #	NM_001199742.1
UniProt Accession #	P24522; Q5TCA7; Q5TCA8
Molecular Weight	14,622 Da
NCBI Official Full Name	growth arrest and DNA damage-inducible protein GADD45 alpha isoform 3
NCBI Official Synonym Full Names	growth arrest and DNA damage inducible alpha
NCBI Official Symbol	GADD45A
NCBI Official Synonym Symbols	DDIT1; GADD45
NCBI Protein Information	growth arrest and DNA damage-inducible protein GADD45 alpha
UniProt Protein Name	Growth arrest and DNA damage-inducible protein GADD45 alpha
UniProt Gene Name	GADD45A
UniProt Synonym Gene Names	DDIT1; GADD45; DDIT-1

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/human-elisa-kits/growth-arrest-and-dna-damage-inducible-protein-alpha-gadd45a/42484>