

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

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CATALOG # AAA70785	REACTIVITY Human
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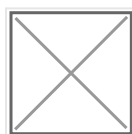
PRODUCT SYNONYMS

Growth Arrest And DNA Damage Inducible Protein Alpha (GADD45a); Human Growth Arrest And DNA Damage Inducible Protein Alpha (GADD45a) ELISA Kit; DDIT1; GADD45; DNA damage-inducible transcript 1 protein; GADD45a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	131
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.064ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GADD45a rtu elisa kit	Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GADD45a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GADD45a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GADD45a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GADD45a in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315075323
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NCBI GeneID	1647
NCBI Accession #	NP_001186670.1
NCBI GenBank Nucleotide #	NM_001199741.1
UniProt Accession #	P24522; Q5TCA7; Q5TCA8
Molecular Weight	14,622 Da
NCBI Official Full Name	growth arrest and DNA damage-inducible protein GADD45 alpha isoform 2
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-rtu-elisa-kits/growth-arrest-and-dna-damage-inducible-protein-alpha-gadd45a/70785>