

Human GA Binding Protein Transcription Factor Alpha (GABPa) ELISA Kit | GABPa elisa kit

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CATALOG # AAA68030	REACTIVITY Human
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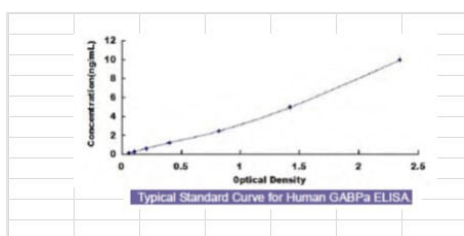
PRODUCT SYNONYMS

GA Binding Protein Transcription Factor Alpha (GABPa); Human GA Binding Protein Transcription Factor Alpha (GABPa) ELISA Kit; GABPa elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GABPa. No significant cross-reactivity or interference between GABPa and analogues was observed.
Sequence Length	454
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GABPa were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GABPa were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GABPa elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GABPa in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GABPa. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GABPa. 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 GABPa, 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 +/- 10nm. The concentration of GABPa 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 #	308818209
NCBI GeneID	2551
NCBI Accession #	NP_001184226.1
NCBI GenBank Nucleotide #	NM_001197297.1
UniProt Accession #	Q06546; Q12939
Molecular Weight	51,295 Da
NCBI Official Full Name	GA-binding protein alpha chain
NCBI Official Synonym Full Names	GA binding protein transcription factor alpha subunit
NCBI Official Symbol	GABPA
NCBI Official Synonym Symbols	NFT2; NRF2; NRF2A; E4TF1A; E4TF1-60; RCH04A07
NCBI Protein Information	GA-binding protein alpha chain
UniProt Protein Name	GA-binding protein alpha chain
UniProt Gene Name	GABPA
UniProt Synonym Gene Names	E4TF1A; GABP subunit alpha

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/ga-binding-protein-transcription-factor-alpha-gabpa/68030>