

Rat Glial Fibrillary Acidic Protein (GFAP) CLIA Kit | GFAP clia kit

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CATALOG #
AAA129858

REACTIVITY
Rat

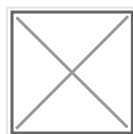
PRODUCT SYNONYMS

Glial Fibrillary Acidic Protein (GFAP); Rat Glial Fibrillary Acidic Protein (GFAP) CLIA Kit; Intermediate Filament Protein; GFAP clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Glial Fibrillary Acidic Protein (GFAP). No significant cross-reactivity or interference between Glial Fibrillary Acidic Protein (GFAP) and analogues was observed.
Sequence Length	432
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma and other biological fluids
Detection Range	4.1-3,000pg/mL
Sensitivity	1.7pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Glial Fibrillary Acidic Protein (GFAP) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Glial Fibrillary Acidic Protein (GFAP) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GFAP clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Glial Fibrillary Acidic Protein (GFAP). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Glial Fibrillary Acidic Protein (GFAP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Glial Fibrillary Acidic Protein (GFAP) level in the sample or standard.;
Product Categories/Family for GFAP clia kit	Infection immunity; Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	251802
NCBI GeneID	2670
UniProt Accession #	P14136; Q53H98; Q5D055; Q6ZQS3; Q7Z5J6; Q7Z5J7; Q96KS4; Q96P18; Q9UFD0; B2RD44; D3DX59; E9PAX3
Molecular Weight	49,508 Da
NCBI Official Full Name	glial fibrillary acidic protein
NCBI Official Synonym Full Names	glial fibrillary acidic protein
NCBI Official Symbol	GFAP
NCBI Official Synonym Symbols	ALXDRD
NCBI Protein Information	glial fibrillary acidic protein
UniProt Protein Name	Glial fibrillary acidic protein
UniProt Gene Name	GFAP
UniProt Synonym Gene Names	GFAP
UniProt Entry Name	GFAP_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-clia-kits/glial-fibrillary-acidic-protein-gfap/129858>