

General Glutamate Synthase Assay Kit | Gogat assay kit

Glutamate Synthase Microplate Assay Kit

CATALOG # AAA261594	REACTIVITY General	APPLICATIONS Functional Assay
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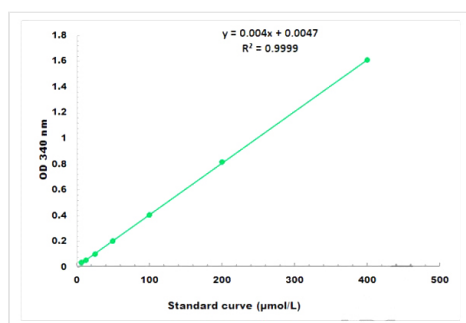
PRODUCT SYNONYMS

Glutamate Synthase; Glutamate Synthase Microplate Assay Kit; EC 1.4.1.13; Glutamate synthase; Glutamate (reduced nicotinamide adenine dinucleotide phosphate) synthase; Glutamate synthetase (NADP); Glutamine amide-2-oxoglutarate aminotransferase (oxidoreductase; NADP); Glutamine-ketoglutaric aminotransferase; GOGAT; L-glutamate synthase; L-glutamate synthetase; L-glutamine:2-oxoglutarate aminotransferase; NADPH-dependent glutamate synthase; NADPH-glutamate synthase; Gogat assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	2046
Samples	Tissue extracts, Cell lysate Samples
Detection Range	4 umol/L - 400 umol/L
Applicable Applications for Gogat assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gogat assay kit	Background: Glutamine oxoglutarate aminotransferase (abbreviated as GOGAT) is an enzyme involved in synthesis of glutamate from glutamine and alpha-ketoglutarate. The assay is initiated with the enzymatic catalysis of glutamine by GOGAT. The enzyme catalysed reaction products NADH can be measured at a colorimetric readout at 340 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115292419
NCBI GeneID	751838
NCBI Accession #	NP_001041678.1

NCBI GenBank Nucleotide #	NM_001048213.1
NCBI Official Full Name	glutamate synthase
NCBI Official Symbol	Gogat
NCBI Protein Information	glutamate synthase

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/general-assay-kits/glutamate-synthase/261594>