

General Glutamate Synthase Microplate Assay Kit

Glutamate Synthase Microplate Assay Kit

CATALOG # AAA219749	REACTIVITY General	APPLICATIONS Functional Assay
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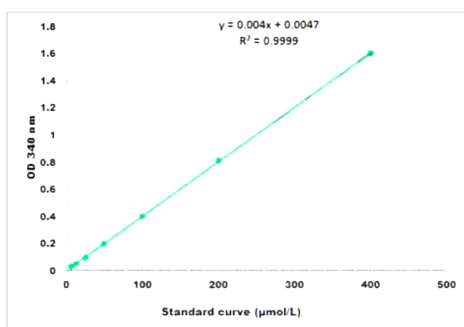
PRODUCT SYNONYMS

Glutamate Synthase Microplate; 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; Glutamate Synthase Microplate assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate Samples
Detection Range	4 umol/L - 400 umol/L
Applicable Applications for Glutamate Synthase Microplate assay kit	FA (Functional Assay)
CAS Number	37213-53-9
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glutamate Synthase Microplate assay kit	Principle of the Assay: 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. Intended Uses: Detection and Quantification of Glutamate Synthase (GOGAT) Activity in Tissue extracts, Cell lysate Samples.
Product Categories/Family for Glutamate Synthase Microplate assay kit	Small molecule detection kit

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/general-assay-kits/glutamate-synthase-microplate/219749>