CREATIVE BIOMART®
Assay Kit

Glutamate Synthase (GOGAT) Activity Assay Kit

Product Information

Product Overview

Glutamate synthase (GOGAT) is mainly present in prokaryotes, yeast, and plastids of non-green tissues in higher plants. Together with glutamine synthetase (GS), it forms the GS/GOGAT cycle and regulates ammonia assimilation.
GOGAT catalyzes the transfer of the amide group from glutamine to a-ketoglutarate using NADH as an electron donor. The decrease in NADH absorbance at 340 nm reflects enzyme activity.

Size

100t/96s

Storage

Store at -20 °C. Shelf life: 6 months.

Synonyms

GOGAT Kit

Detection method Spectrophotometer/Microplate Reader

Technical Notes

For measurements using a 96-well plate, a 96-well UV plate must be used.

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