CREATIVE BIOMART®
Assay Kit

Aspartate Assay Kit

Product Information

Cat

Kit-2473

Cat.No. Kit-2473

Product Overview

ASPARTATE , a nonessential amino acid, is a precursor to several other amino acids and is an excitatory neurotransmitter. Aspartate is involved in the urea cycle and gluconeogenesis. Aspartate Assay Kit provides a simple, direct and automation-ready procedure for measuring aspartate concentration. Aspartate is converted into pyruvate which is then oxidized with the conversion of the dye into a colored and fluorescent form. The color intensity of the oxidized dye at 570 nm or fluorescence intensity at λex/em = 530/585 nm is directly proportional to the aspartate concentration in the sample.

Storage

4°C

Shipping

On Ice

Size

100 tests

Detection method OD570nm, or FL530/585nm

Compatible Sample Types

Plasma, serum, tissue, culture media etc

Features & Benefits

Sensitive and accurate. Linear detection range: 2 to 400 µM aspartate for colorimetric assays and 1 to 50 µM for fluorimetric assays.

Assay time

Tel: 1-631-559-9269 1-516-512-3133
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60 min
Sensitivity
OD, FL: 2, 1 μM

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