

Aspartate Assay Kit

Cat. No. Kit-2473 **Lot. No.** (See product label)

SPECIFICATION

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 $\lambda_{ex/em} = 530/585$ 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 μ M aspartate for colorimetric assays and 1 to 50 μ M for fluorimetric assays.
Assay time	60 min

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SensitivityOD, FL: 2, 1 μ M Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA