

Aspartate Aminotransferase (AST/GOT) Assay Kit | AST/GOT assay kit

Aspartate Aminotransferase (AST/GOT) Activity Colorimetric Assay Kit

CATALOG #
AAA31535

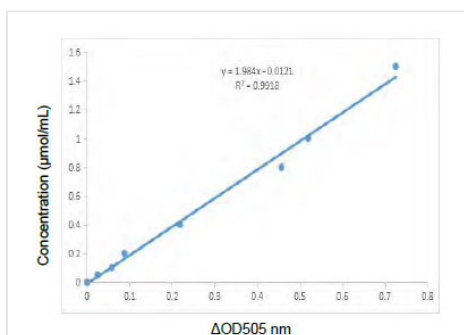
PRODUCT SYNONYMS

Aspartate Aminotransferase (AST/GOT); Aspartate Aminotransferase (AST/GOT) Activity Colorimetric Assay Kit; AST; GOT; Aspartate aminotransferase; AST/GOT assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, Plasma, Animal and Plant Tissues, Cells, Bacteria
Preparation and Storage	Storage at 4 degree C and protected from light upon receipt. Kit has a storage time of 6 months form receipt. Shipping: Gel pack with blue ice.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AST/GOT assay kit	Principle of the Assay: Aspartate aminotransferase (AST/GOT) is widely present in animals, plants, microorganisms and cultured cells. It catalyzes thereversible amino reaction and is an important enzyme for amino acid metabolism. Serum AST activity level is an importantbiochemical indicator of liver damage, which can reflect the severity of liver damage. In addition, AST has the highest content incardiomyocytes and is generally used as an auxiliary examination for myocardial infarction and myocarditis in clinical practice.CheKine™ Micro Aspartate Aminotransferase (AST/GOT) Activity Assay Kit provides a simple method for detecting AST/GOTactivity in a variety of biological samples such as Serum, Plasma, Animal and Plant Tissues, Cells, Bacteria. In the assay,Aspartate aminotransferase (AST) catalyzes the transamination reaction of alpha-ketoglutarate and L-aspartic acid at 37?and pH7.4to produce glutamic acid and pyruvate; Pyruvate can interact with 2,4-dinitrophenylhydrazine to produce pyruvatephenylhydrazone, which appears brownish red under alkaline conditions and has a characteristic absorption peak at 505 nm. Therate of pyruvate phenylhydrazone increase at 505 nm can reflect AST/GOT activity.
Product Categories/Family for AST/GOT assay kit	Cell Metabolism

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.