Creative Enzymes®

aspartate transaminase

Cat. No. EXWM-2839

Lot. No. (See product label)

Introduction

Description	A pyridoxal-phosphate protein. Also acts on L-tyrosine, L-phenylalanine and L-tryptophan. Aspartate transaminase activity can be formed from the aromatic-amino-acid transaminase (EC 2.6.1.57) of Escherichia coli by controlled proteolysis, some EC 2.6.1.57 activity can be found in this enzyme from other sources; indeed the enzymes are identical in Trichomonas vaginalis.
Synonyms	glutamic-oxaloacetic transaminase; glutamic-aspartic transaminase; transaminase A; AAT; AspT; 2-oxoglutarate-glutamate aminotransferase; aspartate α-ketoglutarate transaminase; aspartate aminotransferase; aspartate-2-oxoglutarate transaminase; aspartic acid aminotransferase; aspartic aminotransferase; aspartyl aminotransferase; AST; glutamate-oxalacetate aminotransferase; glutamate-oxalate transaminase; glutamic-aspartic aminotransferase; glutamic-oxalacetic transaminase; glutamic oxalic transaminase; GOT (enzyme) [ambiguous]; L-aspartate transaminase; L-aspartate-α-ketoglutarate transaminase; L-aspartate-2-ketoglutarate aminotransferase; L-aspartate-2-oxoglutarate aminotransferase; L-aspartate-2-oxoglutarate-transaminase; L-aspartic aminotransferase; oxaloacetate-aspartate aminotransferase; oxaloacetate transferase; aspartate:2-oxoglutarate aminotransferase; glutamate oxaloacetate transaminase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.1
CAS No.	9000-97-9
Reaction	L-aspartate + 2-oxoglutarate = oxaloacetate + L-glutamate
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.