

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.