

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

Yale - Aspartate Amino Transferase

DOI:10.17504/protocols.io.yz9fx96

Type: Protocol

Proper Citation

Gary Cline, John Stack 2019. Yale - Aspartate Amino Transferase. protocols.io
dx.doi.org/10.17504/protocols.io.yz9fx96

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.yz9fx96>

Authors: Gary Cline, John Stack

Group: Mouse Metabolic Phenotyping Centers

Summary: Procedure used to measure the activity of Aspartate Amino Transferase (AST). AST activity is measured by the enzymatically coupled reactions of AST (to form oxaloacetate from aspartate and α -ketoglutarate) and malate dehydrogenase (conversion of oxaloacetate to malate with oxidation of NADH to NAD). The rate of NAD formation is monitored by the change in absorbance at 340 nm.

Affiliations: Yale University, Yale University

External URL: <https://mmpc.org/shared/document.aspx?id=207&docType=Protocol>

Version: 1

Publication Date: 2019

Proper Citation: Gary Cline, John Stack 2019. Yale - Aspartate Amino Transferase. protocols.io dx.doi.org/10.17504/protocols.io.yz9fx96

Record Creation Time: 20210329T220529+0000

Record Last Update: 20210329T220939+0000

Data and Source Information

Source: