

L-Asparaginase from Guinea pig, Recombinant

Cat. No. NATE-1577

Lot. No. (See product label)

Introduction

Description Asparaginase (EC 3.5.1.1, USAN) or Colaspase (BAN) is an enzyme that catalyzes the hydrolysis of asparagine to aspartic acid. Asparaginases are enzymes expressed and produced by microorganisms.

Synonyms EC 3.5.1.1; Asparaginase; Colaspase; L-asparaginase; L-asparagine amidohydrolase

Product Information

Species Guinea pig

Source E. coli

Form 25 mM Tris pH7.5, 500 mM NaCl, 2 mM DTT, 1 mM EDTA

EC Number EC 3.5.1.1

CAS No. 9015-68-3

Molecular Weight ~63 kDa

Purity >99% (SDS-PAGE)

Activity > 1,400 IU/mg

Concentration 3mg/mL

Unit Definition One unit of guinea pig L-asparaginase converts 1.0 μ mole of Asn to Asp per minute at pH 7.5 at 37°C, as measured by a coupled enzyme system with 2 mM Asn as substrate.

Storage and Shipping Information

Storage at -80°C