Active Native Bovine Glutamate Dehydrogenase

Cat. No. GLDH-213B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified Native Bovine Liver Glutamate Dehydrogenase. E.C. Number: 1.4.1.3; CAS Number: 9029-12-3
Species	Bovine
Source	Bovine Liver
Description	GLDH is an enzyme, present in mitochondria of eukaryotes, as are some of the other enzymes required for urea synthesis, that converts glutamate to alpha-Ketoglutarate, and vice-versa.
Form	Lyophilized from sodium citrate and mannitol buffer
Bio-activity	>40 U/mg protein
Unit Definition	One unit catalyzes the oxidation of one micromole of NADH and the reductive amination of one micromole of alpha-ketoglutarate per minute at 37C and pH 7.95 in the presence of ADP
Storage	Store at -20 °C.
Concentration	>0.25 mg protein/mg

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