

Active Native Bovine Glutamate Dehydrogenase

Cat. No. GLDH-120B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Bovine Glutamate Dehydrogenase was purified from Bovine (Beef) Liver. 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	White Powder. Lyophilized from sodium citrate and mannitol buffer.
Bio-activity	>20 U/mg protein
Molecular Mass	~350,000
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	-20 °C
Concentration	>0.25 mg protein/mg

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA