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## Product Datasheet

### Glutamate dehydrogenase, Recombinant: >300 U/mg,, CAS [[9001-46-1]] CRM-NATE-1145

Article Name	Glutamate dehydrogenase, Recombinant: >300 U/mg,, CAS [[9001-46-1]]
Biozol Catalog Number	CRM-NATE-1145
Supplier Catalog Number	NATE-1145
Alternative Catalog Number	CRM-NATE-1145-100
Manufacturer	Creative BioMart
Category	Biochemikalien
Product Description	Glutamate dehydrogenase (GLDH) is an enzyme, present in most microbes and the mitochondria of eukaryotes, as are some of the other enzymes required for urea synthesis, that converts glutamate to alpha-ketoglutarate, and vice versa. In animals, the pr...
Concentration	58 u/mg protein
CAS Number	[9001-46-1]
Application Notes	Except glutamate dehydrogenation, GLDH can also catalytic the deaminase of other amino acids such as L-valine, L-2-aminobutyric acid and L-leucine. The main measuring method is continuous monitoring. Moreover, GLDH catalyzes the reaction of alpha-ketoglutarate, H+, ammonia and NADH to generating glutamic. Since NADH is the color source of many biochemical assays, therefore the reaction catalyzed by the corresponding GLDH is widely used to detect the final step of biochemical detection reagent.