



## Glutamic Acid Content Assay kit

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Glu is widely present in animals, plants, microorganisms and cultured cells. It is not only one of the 20 amino acids that make up proteins, but also through transamination. It participates in the synthesis of a variety of amino acids and is one of the main sources of amino groups in organisms. In addition, Glu is also the main effective ingredient of MSG and is often used as a food additive and the production of spices.

Glutamate dehydrogenase (GDH) catalyzes the production of alpha-ketoglutarate, NADH and  $\text{NH}_4^+$  from glutamate and NAD, causing an increase in the absorbance at 340nm. Calculate the glutamic acid content by measuring the change in absorbance at 340nm.

Catalog No.	250158
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	UV Spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs