



Glutamate Content Assay kit (WST colorimetry)

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 participates in the synthesis of various amino acids through transamination, and is one of the main sources of amino acids in living organisms. In addition, Glu is also the main active ingredient of monosodium glutamate, and is commonly used in food additives and spice production. Glutamate dehydrogenase (GDH) catalyzes glutamate and NAD to generate alpha-ketoglutarate, NADH and NH_4^+ . Under the action of 1-mPMS, WST-1 can react with NADH to produce water-soluble formazan, and calculate glutamate acid content.

Catalog No.	250521
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs