



Ethanol Content Assay kit

Alcohol is the general name of alcoholic (ethanol) beverages, ethanol is the main component of alcohol, is one of the important indicators to measure the quality of wine. Ethanol can be used to manufacture acetic acid, beverages, flavors, dyes, fuels, etc. In medical treatment, ethanol with a volume fraction of 70% to 75% is commonly used as a disinfectant. Ethanol is widely used in chemical industry, medical care, food industry, agricultural production and other fields. Ethanol dehydrogenase catalyzes the dehydrogenation of ethanol to acetaldehyde, while reducing NAD⁺ to produce NADH and H⁺. Under 1-mPMS, WST-1 reacts with NADH to produce water-soluble formazan, which has a maximum absorption peak at 450nm, according to which ethanol content can be calculated.

Catalog No.	250603
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	-20°C/6 months
Shipping	Gel Packs