

Ethanol Assay Kit

Ethanol Colorimetric Assay Kit

CATALOG #
AAA177839

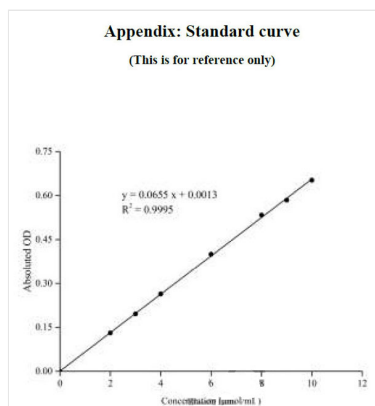
PRODUCT SYNONYMS

Ethanol; Ethanol Colorimetric Assay Kit; Ethanol assay kit

PRODUCT SPECIFICATIONS

Samples	Serum (plasma) and wine samples
Detection Range	0.27-10.0 umol/mL
Sensitivity	0.27 umol/mL
Intra-assay Precision	The intra-assay CV is 3.5%.
Inter-assay Precision	The inter-assay CV is 5.0%.
Preparation and Storage	Store at -20 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ethanol assay kit	Principle of the Assay: Ethanol dehydrogenase can catalyze oxidative dehydrogenation of ethanol to acetaldehyde, and NAD ⁺ is reduced to produce NADH. NADH, under the action of 1-mPMS, transfer electrons to WST-8 to produce the yellow product, which has a characteristic absorption peak at 450 nm. Therefore, ethanol content can be quantified by measure the OD value at 450 nm.
Product Categories/Family for Ethanol assay kit	Metabolism Assay Kit; Others

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.