

General Hydrogen Peroxide (H₂O₂) Assay Kit | H₂O₂ assay kit

Hydrogen Peroxide (H₂O₂) Colorimetric Assay Kit

CATALOG #
AAA176973

REACTIVITY
General

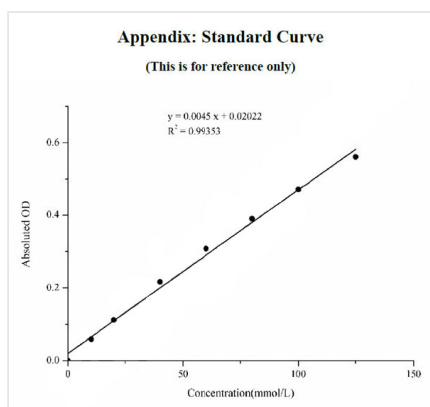
PRODUCT SYNONYMS

Hydrogen Peroxide (H₂O₂); Hydrogen Peroxide (H₂O₂) Colorimetric Assay Kit; H₂O₂ assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, plasma, tissue and cells samples
Detection Range	0.41-125 mmol/L
Sensitivity	0.41 mmol/L
Intra-assay Precision	The intra-assay CV is 3.2%.
Inter-assay Precision	The inter-assay CV is 3.6%.
Preparation and Storage	Store at 2-8 degree C. Valid for 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for H₂O₂ assay kit

Principle of the Assay: Hydrogen peroxide can react with ammonium molybdate to form a yellow complex which has a maximum absorption peak at 405nm. H₂O₂ content can be calculated by measuring the absorbance value at 405 nm.

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.