

General Hydrogen Peroxide Assay Kit

Hydrogen Peroxide Assay Kit

CATALOG # AAA17853	REACTIVITY General	APPLICATIONS Functional Assay
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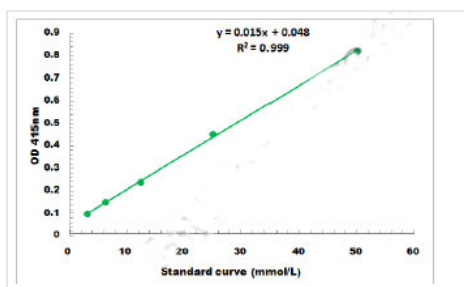
PRODUCT SYNONYMS

Hydrogen Peroxide; Hydrogen Peroxide Assay Kit; Hydrogen Peroxide assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	405
Samples	Urine, serum, plasma, tissue extracts, cell lysate, cell culture media and other biological fluids samples
Detection Range	1 mmol/L - 100 mmol/L
Applicable Applications for Hydrogen Peroxide assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hydrogen Peroxide assay kit	Background/Introduction: Hydrogen Peroxide (H ₂ O ₂) is a reactive oxygen metabolic byproduct that serves as a key regulator for a number of oxidative stress-related states. Functioning through NF-kappaB and other factors, hydroperoxide-mediated pathways have been linked to asthma, inflammatory arthritis, atherosclerosis, diabetic vasculopathy, osteoporosis, neuro-degenerative diseases, Down's syndrome and immune system diseases. H ₂ O ₂ react with titanium sulfate, the products can be measured at a colorimetric readout at 415 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	522812796
NCBI Accession #	WP_020731402.1
NCBI GenBank Nucleotide #	WP_020731402.1
NCBI Official Full Name	Hydrogen peroxide

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.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/hydrogen-peroxide/17853>