

Peroxidase (HRP) Assay Kit

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CATALOG #
AAA332451

PRODUCT SYNONYMS

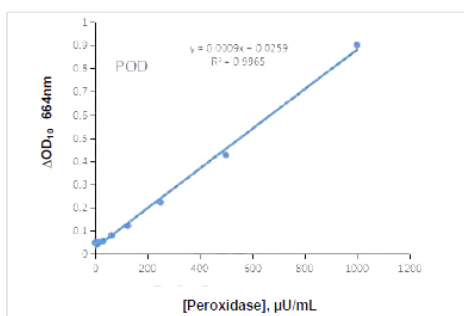
Peroxidase (HRP); Peroxidase (HRP) Assay Kit; Peroxidase (HRP) assay kit

PRODUCT SPECIFICATIONS

Preparation and Storage

Store at -20 degree C and keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Peroxidase (HRP) assay kit

Principle of the Assay: Peroxidase (HRP) Assay Kit provides a simple and easy colorimetric assay for the study of the present of peroxidase in various samples. In this assay, the peroxidase present in the sample reacts with peroxidase substrate to produce a product that can be measured colorimetrically at OD 664 nm. Therefore, the peroxidase present in the sample is proportional to the signal obtained.!!Background/Introduction: Peroxidases (EC number 1.11.1.x) are a large family of enzymes that typically catalyze a reaction of the form: ROOR' + electron donor (2 e-) + 2H+ --> ROH + R'OH. For many of these enzymes the optimal substrate is hydrogen peroxide, but others are more active with organic hydroperoxides such as lipid peroxides. Peroxidases can contain a heme cofactor in their active sites, or alternately redox-active cysteine or selenocysteine residues. Peroxidase (HRP) conjugates are extensively used as secondary detection reagents in ELISAs, immunohistochemical techniques and Northern, Southern and Western blot analyses.

Product Categories/Family for Peroxidase (HRP) assay kit

Cell Metabolism

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.