

## HRP/Horseradish Peroxidase

Catalog No: #IC003



Package Size: #IC003-1 10mg #IC003-2 50mg

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## Description

Product Name	HRP/Horseradish Peroxidase
Other Names	θΥΞζ ΗθΩ ζ°§ε η ©ι Α;Horseradish Peroxidase; HPRC 1; HPRC1; HRP; HRPA2; HRPC 2; HRPC2; HRPE5;
Formulation	οΟ RZ>3.1, >=300U/mg)
Storage	Store at -20°C/1 year

## Product Description

θΥΞζ ΗθΩ ζ°§ε η ©ι ΑοΟ Horseradish Peroxidase, HRP,

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## Background

Horseradish Peroxidase (HRP) is an enzyme commonly used as an indicator for chemical reactions which produce peroxide. The enzyme is routinely conjugated to antibodies for use in enzyme-based immunoassay systems. HRP functions in the removal of H<sub>2</sub>O<sub>2</sub> (hydrogen peroxide), oxidation of toxic reductants, biosynthesis and degradation of lignin, suberization, auxin catabolism, response to environmental stresses such as wounding, pathogen attack and oxidative stress. These functions might be dependent on each isozyme/isoform in each plant tissue.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.