NORDIC IMMUNOLOGY

Product Specification

Description	**Horseradish peroxidase**
Product code	PO
Biological origin	Roots of horseradish
Physical form	Lyophilized, stable light brown powder.
Preservative	No preservative added.
Assay method	The method as assay is based on that of Bergmeyer, in which the rate of decomposition of hydrogen peroxide by peroxidase with guaiacol as hydrogen donor is determined spectrophotometrically by measuring the rate of colour development at 436 nm.
Unit definition	One unit is the amount of enzyme which catalyzes the conversion of 1 μmole peroxidase per minute at 25ºC.
Peroxidase activity	258 units/mg protein
Purity	A_{403}/A_{275}= 3.42 (RZ)
Intended use	As a peroxidase marker to make immunoconjugates.
Packing	Vial with 250 μg lyophilized conjugate.
Storage / shelf life	Stored dry at -20ºC 5 years
Reference	Bergmeyer, H.U. Methods of enzymatic Analysis 1, 495, 2nd edition, 1974
Caution	This product should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. Avoid contact and inhalation. For *in vitro* research purposes only.

NORDIC IMMUNOLOGICAL LABORATORIES
Langendijk 25, 5652 AX Eindhoven, The Netherlands
Tel. +31 630 070 625, Fax: +31 402 920 069
E-mail: info@nordiclabs.nl
www.nordiclabs.nl

© Nordic Immunological Laboratories 2004