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Datasheet for P500-0025

Sheep Peroxidase Anti-Peroxidase (PAP) Soluble Complex

Overview

Description:	Sheep Peroxidase Anti-Peroxidase (PAP) Soluble Complex - P500-0025
Item No.:	P500-0025
Size:	25 mg

Product Details

Background:	The peroxidase-anti-peroxidase (PAP) approach utilizes a complex of enzyme and antibody to facilitate amplification of signal, indirectly detecting the amount of primary antibody used in an assay. Generated in Sheep, the PAP complex can be utilized in any assay that utilizes a sheep primary antibody. With the addition of a secondary antibody that recognizes sheep, the reporter PAP complex allows for amplification of the luminescent signal (as three molecules of enzyme are bound to every two immunoglobulins).
Synonyms:	Sheep Peroxidase Anti-Peroxidase Soluble Complex, Sheep PAP Soluble Complex, sheep HRP anti-HRP Solution
Conjugate:	Peroxidase (HRP)
Detection Kit Type:	PAP Kit

Target Details

Immunogen:	Peroxidase (Horseradish)
Purity/Specificity:	This product was prepared from Sheep antiserum by delipidation, salt fractionation and ion exchange chromatography. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum and anti-Peroxidase.

Application Details

Application Note:	Suitable for use in peroxidase enzymatic labeling experiments. After reconstitution, dilute sample with PBS containing 5% normal serum from same host bridging antibody.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

IHC:	User Optimized

Formulation

Physical State:	Lyophilized
Buffer:	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	None
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient
Storage Condition:	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

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