

Product Specification Sheet

Product: MaxTag™ Streptavidin-Peroxidase Conjugate

Code: KID001

Lot # 16366B

Size: 1.0 ml

Physical State: Liquid (sterile filtered)

Streptavidin Concentration: 0.5 mg/ml (by UV absorbance at 280 nm)

Label: Horseradish Peroxidase (HRP)

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Stabilizer: 10 mg/ml BSA, 50% (v/v) Glycerol

Preservative: 0.01% (w/v) Gentamicin Sulfate

Application(s): Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-biotin-avidin based enzymatic assays.

Recommended Dilution(s): See Kit insert for complete instructions.

Storage Conditions: Store vial at 4° C. Dilute only prior to immediate use. Expiration date is one (1) year from date of opening.

Purity and Specificity: This product was prepared from chromatographically purified streptavidin. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Streptavidin. No reaction was observed against anti-Avidin.

Immunogen: Not applicable

Conjugation Reference: Farr & Nakane, *J. Immunol. Methods* **47**; 129-144. 1981.

USDA Certification: 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.

Note: 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.