

Product Specification Sheet

Product: Streptavidin Peroxidase Conjugate

Code: KID001

Lot # 12212B

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 Bovine Serum Albumin (BSA) IgG and Protease free, 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.

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.