

Amersham Cy5-Streptavidin, 1 mg

New improved

Product Specification Sheet

Introduction

Product code

PA45001

Important

Read these instructions carefully before using the products.

Intended use

The products are intended for research use only, and shall not be used in any clinical or *in vitro* procedures for diagnostic purposes.

Safety

For use and handling of the products in a safe way, refer to the Safety Data Sheets.

Storage

Store refrigerated at 2–8°C in the dark. Under these conditions, the product is stable for at least 6 months.

Expiry

See outer packaging.

Specifications

Protein concentration	1.0 mg/vial
Absorbance maximum	649 nm
Emission maximum	670 nm

Purity

This product was prepared from electrophoretically isolated and purified streptavidin from *Streptomyces Avidinii*. A single precipitin arc was observed against anti-streptavidin when assayed by immunoelectrophoresis.

Formulation

This product is supplied as a lyophilized solid in Phosphate-Buffered Saline (0.02 M Potassium Phosphate, 0.15 M NaCl) pH 7.2, containing 1% (w/v) Bovine Serum Albumin and 0.1% (w/v) Sodium Azide.

Step	Action
1	Reconstitute with 1.0 mL of deionized water.
2	Dispense into suitable aliquots and freeze.
Note: Avoid repeated freeze-thaw cycles.	

Applications

Optimal dilutions will depend on the application. Starting dilutions of 1:1000 for microscopy and 1:400 for flow cytometry are recommended.

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