Certificate of Analysis

For Research Use Only
Not for Human or Animal Consumption

KPL Cy™5 - Labeled Streptavidin

PART CODE: 5270-0023 (072-02-30-00)
LOT NUMBER: 10816857
SIZE 1.0 mg

DESCRIPTION Streptavidin is a 60,000 dalton protein isolated from the bacterium *Streptomyces avidinii*. Streptavidin was labeled with Cy™5. This conjugate is recommended for use in immunofluorescense assays including flow cytometry, immunohistology, Western blotting, mircoarrays, and FLISA.

FORM/STORAGE Lyophilized. Store refrigerated at 2-8°C until rehydrated.

CONTENT Each vial contains 1.0 mg of conjugate.

F/P RATIO Molar fluorophore/antibody protein ratio = 1.9:1

SPECIFICITY Tested by ELISA techniques as applicable. This product has been shown to bind four molecules of biotin with high affinity (Ka = 10^{15} M^{-1}).

STABILIZERS AND PRESERVATIVES Bovine serum albumin (BSA) added as protein stabilizer. 0.02% sodium azide is added as a preservative. Non-sterile.

STABILITY Product is stable for one year from date of receipt when stored properly.

COUNTRY OF ORIGIN OF ANTISERA United States

DATE OF MANUFACTURE: 30 SEP 2026

Approval:

QA Verified By

15OCT2026
Date