

# Certificate of Analysis

## KPL Cy™5 - Labeled Streptavidin

**PART Code** 5270-0023 (072-02-30-00)  
**Lot No.** 10319711  
**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 immunofluorescence 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 = 1.71:1

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

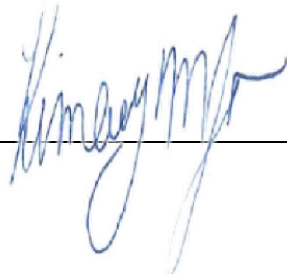
**STABILIZERS AND PRESERVATIVES** Bovine serum albumin (BSA) added as protein stabilizer. 0.02% sodium azide is added as a preservative. Non-sterile.

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

**COUNTRY OF ORIGIN OF ANTISERA** United States

**DATE OF MANUFACTURE** 23 JAN 2018

Approval:



Quality Assurance

13 FEB 2018

Date