

Certificate of Analysis

KPL Cy™3 – Labeled Streptavidin

PART Code 5270-0022 (072-01-30-00)
Lot No. 10285706
SIZE 1.0 mg

DESCRIPTION Streptavidin is a 60,000 dalton protein isolated from the bacterium *Streptomyces avidinii*. Electrophoretically pure streptavidin was labeled with Cy™3 using a proprietary method. This conjugate is recommended for use in immunofluorescence assays including flow cytometry, Western blotting, microarrays, 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 Molecular fluorophore/protein ratio = 6.4:1

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

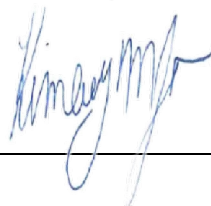
STABILIZERS AND PRESERVATIVES Bovine serum albumin (BSA) added as a protein stabilizer. 0.02% azide is added as a preservative. Non-sterile.

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

COUNTRY OF ORIGIN OF ANTISERA United States

DATE OF MANUFACTURE 19 SEP 2017

Approval:

A handwritten signature in blue ink, appearing to read "Kimmy M. [unclear]".

Quality Assurance

11 OCT 2017

Date