

Certificate of Analysis

KPL Alkaline Phosphatase Labeled Streptavidin

PART Code 5950-0005 (475-3000)
Lot No. 10509963
SIZE 1.0 mL

DESCRIPTION Streptavidin is a 60,000 dalton protein isolated from the bacterium *Streptomyces avidinii* and binds four molecules of biotin with high affinity ($K_p = 10^{-15} M^{-1}$). Electrophoretically pure streptavidin is linked to alkaline phosphatase using a modified proprietary method adapted from Voller, et. al.

FORM/STORAGE Liquid. Store refrigerated at 2- 8°C.

CONTENT Each vial contains 1.0 mL of alkaline phosphatase labeled streptavidin Lot No. 10501787.

E/P RATIO Molar enzyme/streptavidin protein ratio = 1.34:1

STABILIZERS AND PRESERVATIVES The conjugate is provided in a liquid buffer containing a proprietary stabilizer and an anti-bacterial agent. 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 SEP 2020

Approval:

A handwritten signature in black ink, appearing to read "Kimberly Novak".

Quality Assurance

12 NOV 2020

Date