



CERTIFICATE OF ANALYSIS

Peroxidase Labeled Streptavidin

CATALOG NO. 474-3000
LOT NO. 10219621
SIZE 1.0 mL

DESCRIPTION Streptavidin is a 60,000 dalton protein isolated from the bacterium *Streptomyces avidinii*. Streptavidin is covalently linked with peroxidase by a modification of the periodate method of Nakane and Kawaoi.

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

CONTENT Each vial contains 1.0 mL of peroxidase labeled streptavidin Lot No.10219383.

E/P RATIO Molar enzyme/protein ratio = 2.5:1

SPECIFICITY Testing performed to assure the purity and specificity. Tested by immunoelectrophoresis, gel diffusion and In Situ Assay as applicable. This product has been shown to bind four molecules of biotin with high affinity ($K_p = 10^{-15} M^{-1}$).

STABILIZERS AND PRESERVATIVES Stabilization diluent added as protein stabilizer. No preservatives added. 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 09/09/2016

Quality Assurance Verified and Approved:

Date: 10/26/2016

A handwritten signature in blue ink, appearing to read 'Kimaymp', is written over the signature line.