



CERTIFICATE OF ANALYSIS

DyLight™ 488 Streptavidin

CATALOG NO. 072-03-30-00
LOT NO. 10143939
SIZE 1.0 mg

DESCRIPTION Streptavidin is a 60,000 dalton protein isolated from the bacterium *Streptomyces avidinii*. Streptavidin was labeled with DyLight™ 488. This conjugate is recommended for use in ELISA, Western Blot, and IHC assays.

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

CONTENT Each vial contains 1.0 mg of conjugate.

F/P RATIO The calculated dye/antibody protein ratio = 2.96:1

SPECIFICITY Tested by ELISA techniques 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 Goat serum and bovine serum albumin added as 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 11/10/2015

Quality Assurance Verified and Approved:

Date: 11/16/2015