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## CERTIFICATE OF ANALYSIS

Product **ALKALINE PHOSPHATASE STREPTAVIDIN**

Catalog SA-5100

Amount 1 ml\*

Lot No. ZA0710

Specific Activity ≥600 units/mg conjugate. One unit = 1.0 micromole of p-nitrophenol liberated from p-nitrophenylphosphate per minute at 37 °C (pH 9.8).

Ratio of Enzyme to Streptavidin (molar) 1.0

Storage 4 °C

Solution 10 mM HEPES, 0.15 M NaCl, 0.08% sodium azide, 1mM Mg<sup>++</sup>, 0.1 mM Zn<sup>++</sup>, pH 7.5. This product has been stabilized by addition of sucrose and immunohistochemical grade bovine serum albumin.

\* For reference, this sample contains approximately 1 mg protein prior to the addition of albumin.

The recommended dilution for use is 1:200 to 1:1000. (1-5 µg/ml).

Remarks: Storage of dilute solutions of the enzyme conjugate is not recommended. To avoid adsorption or denaturing of the enzyme conjugate, dilutions may be made in 10 mM HEPES, 0.15 M NaCl, pH 7.5, containing 0.1mg/ml immunohistochemical grade bovine serum albumin (Catalog No. SP-5050). DO NOT USE FRACTION V GRADE BSA.