



CERTIFICATE OF ANALYSIS

Product **ALKALINE PHOSPHATASE AVIDIN D**

Catalog A-2100

Amount 100 units of active conjugate. One unit = 1.0 micromole of p-nitrophenol liberated from p-nitrophenylphosphate per minute at 37 °C (pH 9.5).

Lot No. ZA2303

Specific Activity 880 units/mg conjugate

Ratio of Enzyme to Avidin D (molar 1.0)

Storage 4 °C

Solution Reconstitute by adding 1 ml water. The resulting solution will have the following composition: 10 mM HEPES, 0.15 M NaCl, 0.08% sodium azide, 1mM Mg⁺⁺, 0.1 mM Zn⁺⁺, pH 7.5. This product has been stabilized by addition of Ficoll and immunohistochemical grade bovine serum albumin.

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 20 mM HEPES, 0.5 M NaCl, pH 7.5, containing 0.1 mg/ml immunohistochemical grade bovine serum albumin. (Cat. No. SP-5050).

DO NOT USE FRACTION V GRADE BSA.

Recommended concentration for use is 0.2 units/ml.