



SPA – Società Prodotti Antibiotici S.p.A.

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Product: **AH-BIOTINYLATED ALKALINE PHOSPHATASE**

Code: **F002-6**

Lot:

Description: Alkaline phosphatase (AP) coupled to biotin by a "spacer arm" consisting in an epsilon-aminocaproic acid.

Appearance: Stabilized 1 mg/ml solution.

Manufacturing date:

Packaging: On request - in a glass vial

PRODUCT PROFILE:

- a) Spectrophotometric avidin binding assay: 3 - 10 µg of biotin/ml.
- b) Enzymatic activity: 2200 (±500) units of AP/ml.
Unit definition: one unit will hydrolyze 1 µMole of p-Nitrophenyl Phosphate per min. at pH 9.8 at 37°C (1 M Dietanolamin buffer, 0.5 mM MgCl₂, 15 mM p-Nitrophenyl Phosphate).
- c) Protein content: 1 mg/ml.

Recommended storage conditions: 2-8 °C

Stability: 12 months

N.B. To prepare "complexes" this solution has not to be matched as such with the corresponding solution of strept/avidin but a trititation with strept/avidin must be performed.

FOR GENERAL LABORATORY USE