



DEVELOPMENTAL PRODUCT DESCRIPTION

PRODUCT: STREPTAVIDIN-PLUS[®] (recombinant from *Streptomyces avidinii*, expressed in *E. coli*)

PRODUCT CODE: SA26

LOT NUMBER: DE25 025

STORAGE: -20°C

Supplied lyophilized: contains ~0.9 mg protein/mg lyophilizate (the balance is sodium chloride).

QUALITY CONTROL

1. Specific Activity¹:

17.2 U/mg protein (HABA dye-binding method) (Specification: ≥15 U/mg)

18.4 U/mg protein (biotin titration method) (Report only)

Authorized Signature

¹ One unit will bind one microgram of d-biotin at pH 7.0. The biotin-binding activity of streptavidin is determined using a modification of the HABA dye-binding assay: Green, N. M. Spectrophotometric determination of avidin and biotin. **Meth Enzymol 18A**: 418-424 (1970).