



DEVELOPMENTAL PRODUCT DESCRIPTION

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

PRODUCT CODE: SA26¹

LOT NUMBER: DE25 023

STORAGE: -20°C

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

QUALITY CONTROL

1. Specific Activity²:

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

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

Authorized Signature

¹ Recombinant streptavidin is covered by US Patents No 5,168,049 and 5,272,254 and their foreign counterparts. Purchase includes a limited license to use, expressly excluding pharmaceutical and invitro-diagnostic use or application (as defined under the European IVD Directive).

² 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).