www.bioss.com.cn
400-901-9800
sales@bioss.com.cn
support@bioss.com.cn

Streptavidin，Alexa Fluor 594 conjugated

Catalog Number : **bs-0437P-AF594**

Quantity size: **100ul / 1ml**

Concentration: 1mg/ml. Buffer = 0.01M TBS(pH7.4) with 1% BSA , 0.03% Proclin300 and 50% Glycerol.

Background: Streptavidin is a tetrameric protein composed of identic subunits. Each subunit binds one biotin molecule with a KD of ~1x10-15M. The preparation contains an N- and C-terminal shortened variant (core streptavidin) with improved properties concerning homogeneity, solubility, resistance towards proteolytic degradation and accessibility of the biotin binding pocket as compared to native streptavidin. The high affinity recognition of biotin and biotinylated molecules has made streptavidin one of the most important components in diagnostics and laboratory kits.

Specificity:

- mol wt: 66kDa
- Purity: ⩾98%
- Alexa Fluor 594 conjugated.

Application:

- Excitation spectrum: 590nm
- Emission spectrum: 621nm
- Optimal working dilutions must be determined by the end user.

Storage: Shipped at 4℃, Store at -20℃ (Avoid repeated freeze/thaw cycles).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.