

Streptavidin FITC

Catalog No.	MSA1001	Quantity:	1 ml
Description:	Streptavidin binds to biotin with high affinity (10^{-15} M). When conjugated to fluorochromes, streptavidin is a potent second step reagent used to detect primary, biotinylated antibodies.		
Formulation:	1 ml Streptavidin FITC conjugated in 2 times concentrated PBS with 1 mg Streptavidin and 0.1% sodium azide. EIA-grade BSA has been added to bring the final protein concentration to 4-5 mg/ml. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Applications:	The conjugate is tested by flow cytometry. Excitation 488 nm, peak emission 525 nm.		
Application Notes:	For use in flow cytometry: 0.05 ug - 0.2 ug of streptavidin is recommended per 10^6 cells in 100 ul staining volume. It is necessary to determine the optimum for each assay system.		
Storage & Stability:	Streptavidin FITC should be stored in the dark at 2-8°C. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

