

STREPTAVIDIN TRI-COLOR (TC)

Catalog No.	MSA1006	Quantity:	0.5 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:	0.5 ml Streptavidin TC conjugated in 2 times concentrated PBS with 100 µg Streptavidin and 0.1% sodium azide. EIA-grade BSA has been added to bring the final protein concentration to 4-5mg/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.		
Application Notes:	The conjugate is tested by flow cytometry. From this testing it is recommended that between 0.05 and 0.2 ug of streptavidin be used per 1×10^6 cells in a 100 ul staining volume. Because conditions may vary, each investigator should determine the optimal amount of streptavidin to be used for each application. The excitation wavelength of TC is 488 nm. The peak emission is at 670 nm		
Storage & Stability:	TC conjugate must be stored at 2-8°C... NEVER STORE FROZEN		

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

