

<b>Description</b>	<b>Texas Red®-conjugated streptavidin</b>	
<b>Product code</b>	SAV/TR	
<b>Biological origin</b>	Streptomyces avidinii	
<b>Physical form</b>	Lyophilized, stable violet powder.	
<b>Preservative</b>	0.05% Sodium azide	
<b>Physicochemical characteristics</b>	Lyophilised from a solution in 0.01M sodium phosphate, 0.25M NaCl, containing 15 mg/ml bovine serum albumin. $A_{596}/A_{280} = 0.55$	
<b>Fluorescent marker</b>	Texas red sulfonyl chloride. Texas Red is a trademark of Molecular Probes Inc. USA. Excitation: 596 nm, excitation 615 nm.	
<b>Streptavidin activity</b>	Minimum 5 units/mg protein.	
<b>Unit definition</b>	One unit will bind 1 µg biotin.	
<b>Intended use</b>	As a fluorescent marker for biotine conjugates. It is of critical importance always to establish by titration the optimum working dilution, since it depends on the variables of the test arrangement. Working dilutions are usually from 2 to 5 µg/ml.	
<b>Directions for use</b>	The conjugate is shipped at ambient temperature and must be stored at 4°C. Reconstitute the lyophilized product by adding 0.1 ml sterile water. Spin down to remove insoluble particles, divide into small aliquots, and store as a liquid at or below -20°C by adding an equal volume of glycerol. Repeated thawing and freezing should be avoided. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the conjugate. Dilutions should be stored at +4°C, not refrozen, and preferably used the same day. Avoid exposure to light.	
<b>Packing</b>	Vial with 100 µg lyophilised conjugate.	
<b>Storage / shelf life</b>	Stored dry at 4°C	5 years
	reconstituted at or below -20°C	1 year
	reconstituted at +4°C	6 weeks
<b>Caution</b>	This product should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. Avoid contact and inhalation. For <i>in vitro</i> research purposes only.	

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