NORDIC IMMUNOLOGY **Product Specification**

Description	**Fluorescein isothiocyanate-conjugated streptavidin**
Product code	SAv/FITC
Biological origin	Streptomyces avidinii
Physical form	Lyophilized, stable orange powder.
Preservative	No preservative added
Physicochemical characteristics	Essential salt free. FITC/streptavidin molar ratio approximately 9
Streptavidin activity	Minimum 5 units/mg protein.
Unit definition	One unit will bind 1 μg biotin.
Intended use	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 1:20 upwards.
Directions for use	The conjugate is shipped at ambient temperature and must be stored at -20°C. Reconstitute the lyophilized product by adding 0.25 ml sterile PBS. Spin down to remove insoluble particles, divide into small aliquots, and store frozen at or below -20°C. Prior to use an aliquot is thawed at ambient temperature, spun down again, and used to prepare working dilutions by adding sterile PBS pH 7.2 containing 0.1% BSA. 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.
Packing	Vial with 100 μg lyophilized conjugate.
Storage / shelf life	Stored dry at -20ºC 5 years reconstituted at or below -20°C 3-5 years reconstituted at +4°C 14 days
Caution	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 *in vitro* research purposes only.

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