

## Chromeo™ 494 Streptavidin

**Catalog No:** 15113, 16113

**Format:** 1 mg, 5 mg

**Chemical Properties:** Contents: 1 ml (Catalog No. 15113) or 5 ml (Catalog No. 16113) of Chromeo™ 494 conjugated to streptavidin in PBS(NaCl 150 mM, Phosphate 10 mM, pH 7.4), 0.2 % BSA, 0.09 % Azide  
Concentration: 1 mg/ml

**Fluorescent Properties:** Chromeo 494 can be excited with a green laser. As the dye shows a large Stokes shift of 134 nm, the emission should be measured at a wavelength of 630 nm. Its fluorescent properties make Chromeo 494 an ideal partner for multiplexing with other 488 excitable dyes and conjugates.

**Excitation Wavelength:** 508 nm

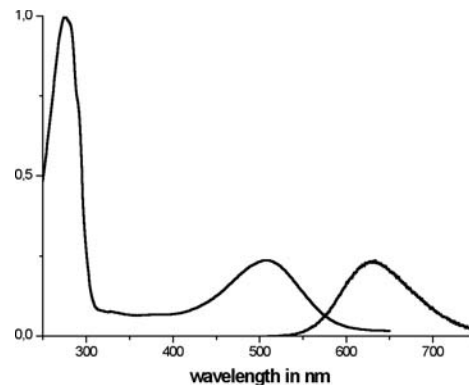
**Emission Wavelength:** 628 nm

**Quantum Yield:** 15%

**Dye to Protein Ratio:** 2.0-3.0

**Quality Control:** The Dye has been quality tested by spectrophotometrical evaluation and by measuring binding properties on biotin-coated plates.

**Storage and Guarantee:** To ensure stability, the conjugated dye should be stored at 4°C in the dark. This product is guaranteed for 6 months from the date of arrival.



Spectrum of Chromeo™ 494 conjugated to Streptavidin.