

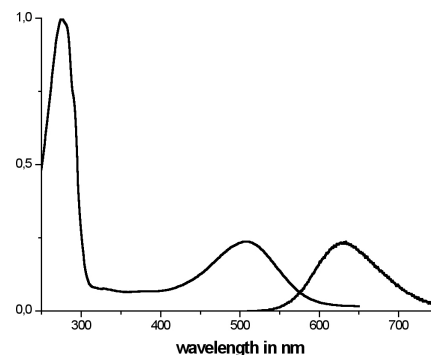
Chromeo™ 494 Streptavidin

Catalog No: 15113, 16113

Chemical Properties:

Contents: 1 ml (Cat # 15113) or 5 ml (Cat # 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



Absorption and emission spectra of Chromeo 494 streptavidin in PBS, pH 7.4.

Fluorescent Properties:

Chromeo 494 can be excited with a green laser. As the dye shows a large Stokes shift of 124 nm, the emission should be measured at a wavelength of 630 nm. The fluorescent properties make Chromeo 494 the ideal partner for multiplexing with other 488 excitable dyes.

Excitation Wavelength: 508 nm

Emission Wavelength: 628 nm

Quantum Yield: 15%

Mole Dye/Mole 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.

