

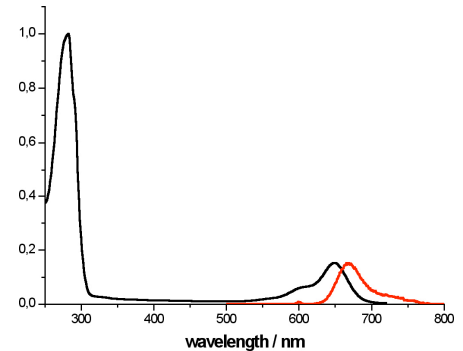
Chromeo™ 642 Streptavidin

Catalog No: 15313, 16313

Chemical Properties:

Contents: 1 ml (Cat # 15313) or 5 ml (Cat # 16313) of Chromeo™ 642 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 642 streptavidin in PBS, pH 7.4.

Fluorescent Properties:

Chromeo 642 shows similar fluorescent properties as the red-fluorescent Cy5 dye. Filters designed for Cy5 can be used with Chromeo 642 and its conjugates. Chromeo 642 exhibits a large tolerance to pH and an unmatched photostability. This gives more time for image capture.

Excitation Wavelength: 650 nm

Emission Wavelength: 669 nm

Quantum yield: 21%

Mole Dye/Mole protein Ratio: 0.2-0.5

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.

