

This certificate is an example. A complete certificate containing lot-specific information, such as concentration and volume, will be shipped with your purchase.

## Chromeo™ 488 Streptavidin

**Catalog No:** 15513, 16513

**Lot No:** Not Available

### Chemical Properties:

Contents: 1 ml (Catalog No. 15513) or 5 ml (Catalog No. 16513) of Chromeo™ 488 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 488 can be excited with a green laser and shows similar fluorescent properties as fluorescein and other 488-excitable dyes. Filters designed for fluorescein can be used with Chromeo 488 and its conjugates. Chromeo 488 exhibits a large tolerance to pH and unmatched photostability, which provides more time for image capture.

**Excitation Wavelength:** 496 nm

**Emission Wavelength:** 522 nm

**Quantum Yield:** 27%

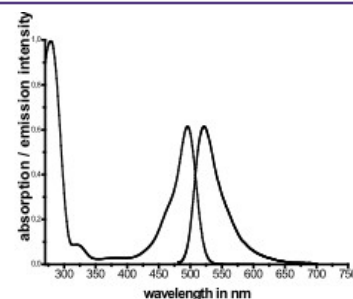
**Mole Dye/Mole protein Ratio:** 1.5-2.0

### Quality Control:

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

### Storage:

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™ 488 conjugated to Streptavidin.