

## ProteOrange Protein Quantification Reagent, 500×

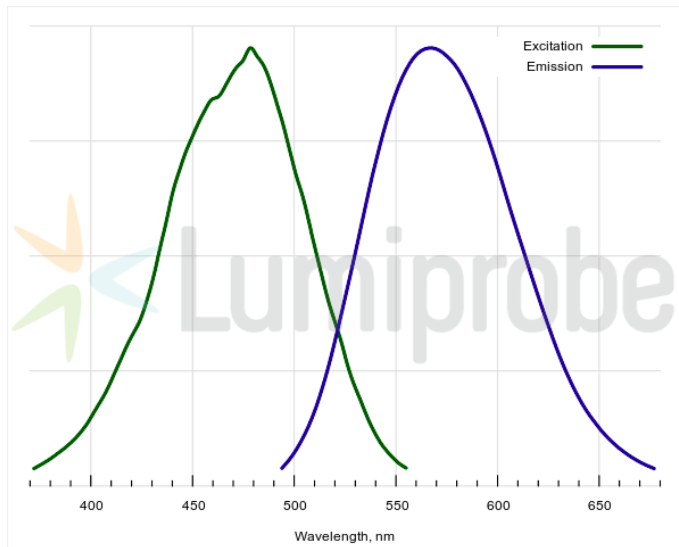
<http://hk.lumiprobe.com/p/orange-protein-quantitation-reagent-500x>

ProteOrange is a fluorescent protein-sensitive dye that exhibits almost no fluorescence in the free form but fluoresces upon binding to proteins. The excitation maximum of ProteOrange in the complex with protein is at ~485 nm, the emission maximum — at ~590 nm.

The unique structure of the ProteOrange reagent allows accurate detection of proteins in solutions with concentrations between 10 ng/mL and 10 µg/mL. This level of sensitivity is considerably better than that achieved with the BCA method, Bradford assay, Lowry assay, or absorption measurements at 280 nm. The dye shows minimal variability for different proteins.

The ProteOrange dye has a low tolerance to non-ionic detergents. It is not recommended for cell lysates containing Triton X-100 and sodium deoxycholate, but it can tolerate up to 0.01% SDS (in final concentration).

This reagent is a 500× concentrate of ProteOrange dye. This product is a component of [ProteOrange Protein Quantification Kit](#).



外观:

储存条件:

法律声明:

本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值，纳米: 470

发射极大值，纳米: 570