

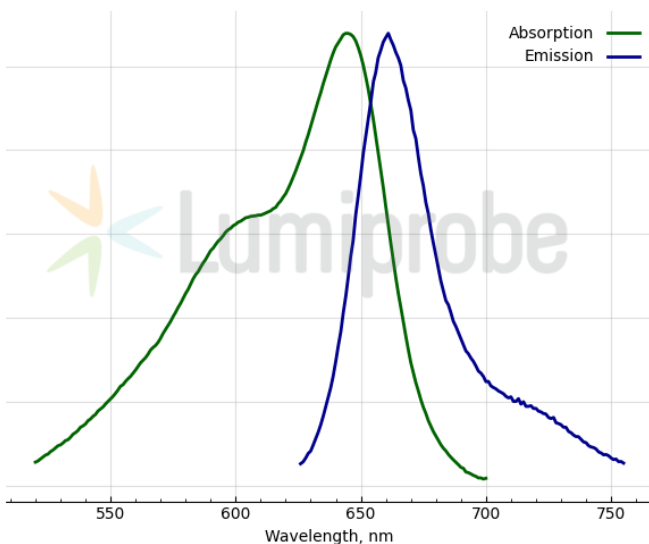
## Deep-Red Fluorescent Nissl Stain

<http://cn.lumiprobe.com/p/deep-red-fluorescent-nissl-stain>

Nissl staining is a commonly used histological technique to visualize neural tissue morphology. The method is based on the interaction of basic dyes with the nucleic acid content of cells. Due to intensive protein synthesis, the perikarya of neurons has abundant ribosomal RNA in the rough endoplasmic reticulum ('Nissl substance'), and cytoplasmic staining of neurons is much stronger than in nuclei. On this basis, stained neurons can be distinguished from glial cells, and therefore, Nissl staining is considered specific to detect neurons.

Deep-Red Fluorescent Nissl Stain is a cell-impermeant dye that is nonfluorescent in the absence of nucleic acids but exhibits a significant fluorescence enhancement upon binding to RNA and DNA. The long-wavelength fluorescence of Deep-Red Fluorescent Nissl Stain is well separated from green and red fluorophores, which makes it ideal for multicolor fluorescence labeling experiments.

This solution is a 1000× concentrate. Dilute it with PBS to prepare staining solution.



外观: 蓝色液体

质量: NMR <sup>1</sup>H 和 HPLC-MS (95+%)

控制: 收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

条件:

法律声明: 本产品仅供研究目的提供和销售。本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。

激发: 644

发射: 662

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