

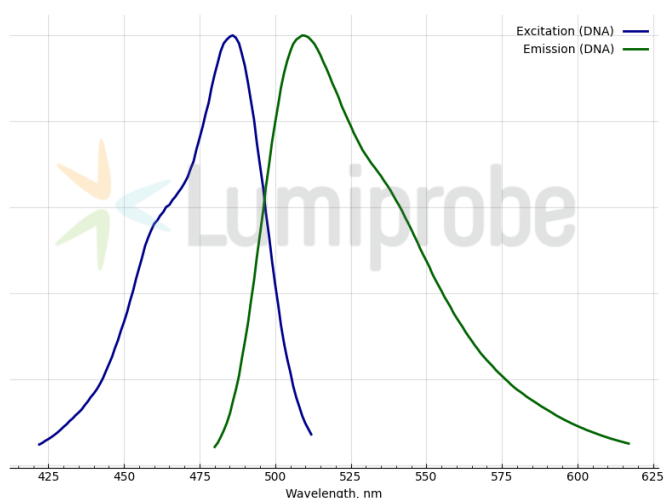
## LUCS® 13, green fluorescent nucleic acid stain

<http://cn.lumiprobe.com/p/lucs-13-green-nucleic-acid-stain-syto-13>

LUCS 13 is a cell-permeant nucleic acid stain that exhibits green fluorescence upon binding to nucleic acids. The stain has a high fluorescent yield and a structure identical to SYTO™ 13 stain.

LUCS 13 is used to stain both DNA and RNA in live and dead eukaryotic cells as well as Gram-positive and Gram-negative bacteria. The dye is excited by the blue laser at 488 nm. Its fluorescence emission is detected in the fluorescein channel with a peak at 509 nm when bound to DNA and 514 nm when bound to RNA.

The dye can be used in simultaneous labeling with cell-impermeant nuclear markers, such as [YoDi-3](#), to evaluate cell viability using fluorescence microscopy and flow cytometry.



外观: 橙色溶液

溶解度:

储存条件:

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/吸收极大值, 纳米:

发射极大值, 纳米:

488

509 (DNA complex), 514 (RNA complex)