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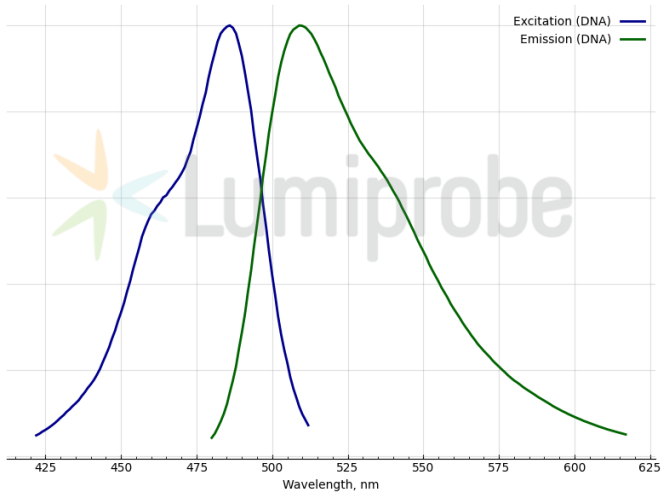
# LUCS® 13, green fluorescent nucleic acid stain

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.

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|---|---|
| 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: | 488 |
| 发射极大值，纳米: | 509 (DNA complex), 514 (RNA complex) |