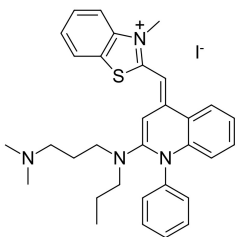


## dsGreen Gel Staining Solution (A270198)

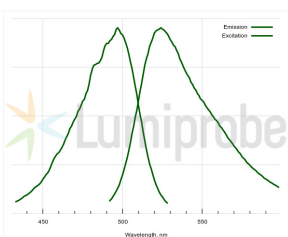
### Specifications:

Name:	dsGreen Gel Staining Solution
Description:	dsGreen, an equivalent of SYBR® Green I is a sensitive dsDNA binding dye, which can be used for routine DNA detection in agarose and polyacrylamide gels. A qPCR grade reagent is also available. Unlike ethidium bromide, dsGreen is highly selective towards double stranded DNA, much less harmful, and offers better sensitivity.
Absorption Maxima:	454 nm
Extinction Coefficient:	73000 M-1cm-1
Emission Maxima:	524 nm
Fluorescence Quantum Yield:	0.8
Purity:	95% (by 1H NMR, HPLC-MS, and functional testing).
Product Form:	Orange solution.
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

### Images:



dsGreen I structure.



Excitation and emission spectra of dsDNA complex with dsGreen.