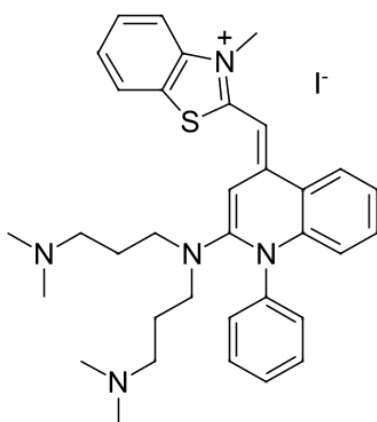


Pico488 dsDNA quantification reagent, 200x solution in DMSO

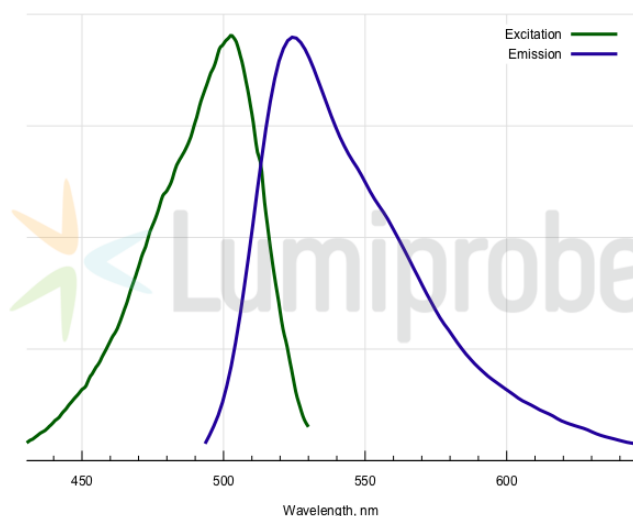
<http://www.lumiprobe.com/p/pico488-picogreen-quantification>

Pico488 is a DNA binding benzothiazole dye whose structure is identical to PicoGreen®. This reagent is a 200x solution in DMSO. The dye is a fluorescent sensor that is specific for double stranded DNA (dsDNA). Its absorption and emission in the fluorescein channel can be easily detected using cuvette fluorometers, well plate readers, and by dedicated DNA measurement fluorometers.

The dye exhibits a linear response of fluorescence to dsDNA concentrations in the range of low pg/mL to high ng/mL. The ready kit including quantification dye is also [available](#).



Structure of Pico488 (PicoGreen®)



Pico488 (Pico Green) excitation and emission spectra

General properties

Appearance:

orange solution

Storage conditions:

Storage: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.

Spectral properties

Excitation/absorption maximum, nm: 503

Emission maximum, nm: 526