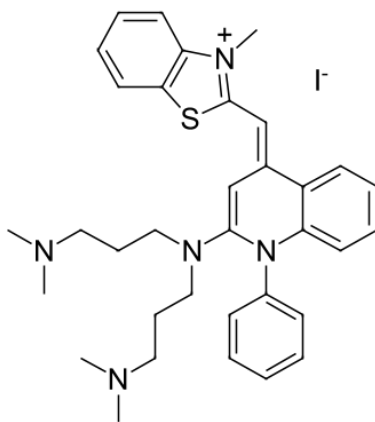


PreciseGreen dsDNA Quantification Reagent, 200×

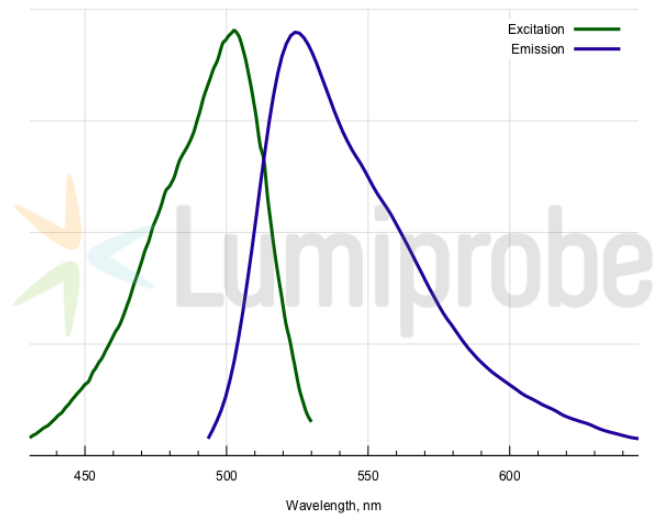
<http://www.lumiprobe.com/p/precisegreen-dna-quantification>

PreciseGreen is a DNA-binding benzothiazole dye. This reagent is a 200× 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 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 PreciseGreen



PreciseGreen 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.
Legal statement:	This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.

Spectral properties

Excitation/absorption maximum, nm:	503
Emission maximum, nm:	526