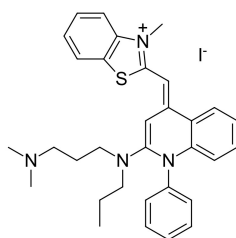


## dsGreen for Real-Time PCR (A270197)

### Specifications:

Name:	dsGreen for Real-Time PCR
Description:	dsGreen, an analog of SYBR® Green I, is a very sensitive dsDNA detection dye. High sensitivity, and high selectivity for dsDNA allows the use of dsGreen as a universal dsDNA detection reagent for qPCR. No need to use labeled probes to detect amplification with dsGreen - unlabeled primers are sufficient. Unlike other preparations of dsGreen for gel staining purposes, this formulation is specially designed to be used in real-time PCR experiments. Specific features are:. Concentration of the dye is optimized for qPCR and carefully adjusted for reproducible results from lot to lot. PCR tested preparation - quality guaranteed. Low fluorescence background - high fluorescence intensity gain.
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 PCR testing).
Product Form:	Light 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.

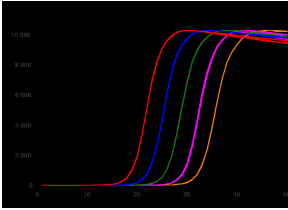
### Images:



dsGreen structure.

## dsGreen for Real-Time PCR (A270197)

Images continued:



qPCR curves with dsGreen.