

General Data

- Molecular Mass:** 751.46
- Solubility:** Water, Acetone, Alcohol, DMF, DMSO
- Insoluble:** Hexane, Toluene
- Storage:** Store in absence of light and refrigerate

Description

High affinity, cell-impermeant nucleic acid stain similar to SYBR Green 1

Applications

- qPCR
- DNA melt curve analysis

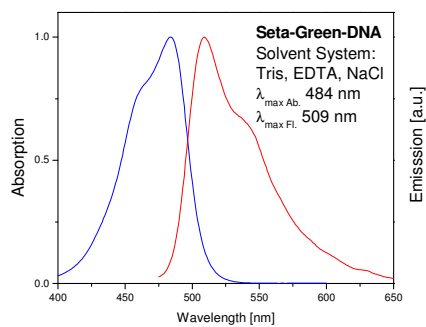
Advantages

- Excitable with 488-nm argon laser
- **Seta-Green** shows a high increase in its green fluorescence when bound to DNA

Spectral Data

Solvent	Absorption max. [nm]	Extinction Coefficient [$M^{-1}\cdot cm^{-1}$]	Emission* max. [nm]
TRIS + DNA	484	81,000	509

* Excitation at 450 nm



Absorption and emission spectrum of **Seta Green**
in presence of dsDNA