

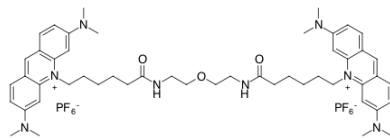
## Eva488 solution for qPCR, 20x

<http://www.lumiprobe.com/p/eva488-eva-green>

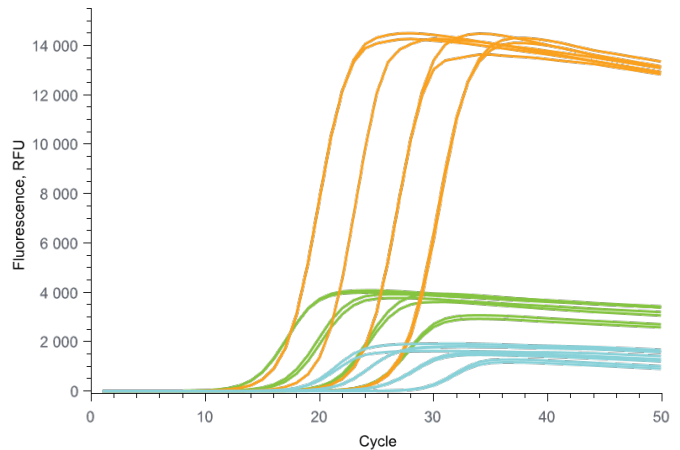
Eva488 is a real-time PCR dye that does not inhibit the reaction and exhibits a high fluorescence signal increase. This is an analogue of Eva Green, a dimeric acridine that emits fluorescence when bound to double-stranded DNA.

Fluorescence of Eva488 dye is detected in the fluorescein channel.

Delivered as 20x solution in water.



**Structure of Eva488 (Eva Green)**



**qPCR with Eva488 (orange), SYBR Green (green), and TaqMan probe (blue)**

### General properties

Molecular weight: 1119.06

Molecular formula:  $C_{50}H_{68}N_8F_{12}O_3P_2$

Quality control: NMR  $^1H$ , HPLC-MS (95%), UV-Vis abs

Storage conditions: Storage: 24 months after receipt at +4°C in the dark. Transportation: at room temperature for up to 3 weeks. Avoid prolonged exposure to light. Desiccate.