

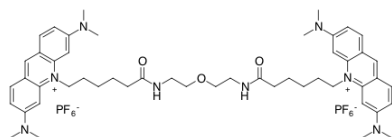
## Eva488 solution, 20×

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

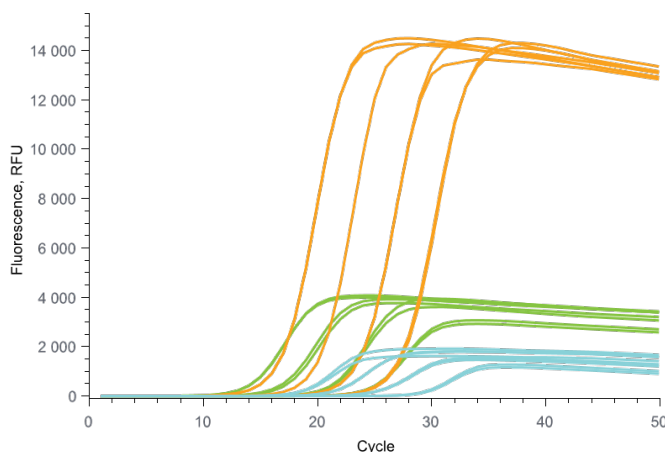
Eva488 is a dye that does not inhibit the reaction and exhibits a high fluorescence signal increase. This is an analogue of EvaGreen®, a dimeric acridine that emits fluorescence when bound to double-stranded DNA.

Fluorescence of Eva488 dye is detected in the fluorescein channel.

Delivered as 20× 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<sub>50</sub>H<sub>68</sub>N<sub>8</sub>F<sub>12</sub>O<sub>3</sub>P<sub>2</sub>

Quality control: NMR <sup>1</sup>H, 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.

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.

EvaGreen® is a registered trademark of Biotium Inc.