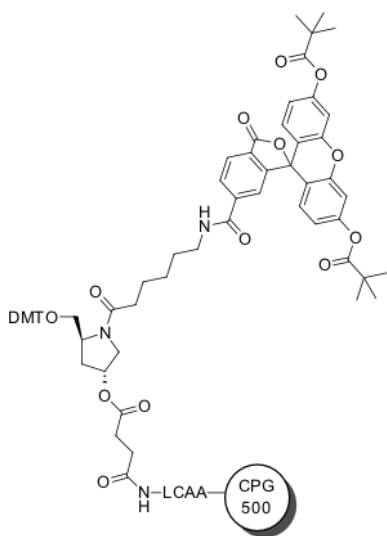


## FAM CPG 500, 6-isomer

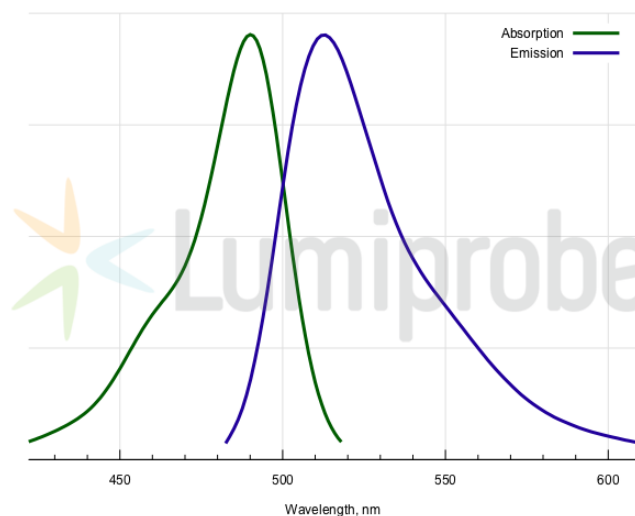
<http://www.lumiprobe.com/p/fam-cpg-6>

Controlled pore glass solid supports are used for the synthesis of 3'-labeled oligonucleotides. This solid support is intended for the synthesis of oligonucleotides bearing fluorescein (FAM) fluorescent dye on 3'-terminus of oligonucleotide. It contains pure 6-isomer of fluorescein. The structure of the reagent is based on chiral, enantiomerically pure scaffold of hydroxyprolinol.

The solid support ensures optimal yield of oligonucleotides up to 60mer. For longer oligos, CPG 1000 should be used. The reagent is compatible with standard ammonia cleavage and deblocking conditions.



**Structure of FAM CPG modifier 500, 6-isomer**



**Absorption and emission spectra of FAM**

### General properties

Appearance: off white beads  
TN VED Code: 382200000

### Oligo synthesis details

Pore size, Å: 500  
Typical loading,  $\mu\text{mol/g}$ :  $65 \pm 15$   
Coupling conditions: standard coupling, identical to normal nucleobases  
Cleavage conditions: ammonia, 2 h at room temperature  
Deprotection conditions: identical to protected nucleobases