



## Product Specifications

Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates  
Locked Nucleic Acids (LNA); 2'-5' linked Oligos

## Oligo Modifications

For research use only. Not for use in diagnostic procedures for clinical purposes.

### CAL Fluor Red 610

Category	Fluorescent Dyes
Modification Code	CAL610
Reference Catalog Number	26-6711
5 Prime	Y
3 Prime	N
Internal	N
Molecular Weight(mw)	636.7

#### **Click here for a list of fluorophores.**

CAL Fluor Red 610 is a fluorescent dye manufactured by Biosearch Technologies. CAL Fluor Red 610 fluoresces in the orange-red region of the visible spectrum. CAL Fluor Red absorption max is at 590 nm and emission max is at 610 nm with Extinction Coefficient at Lambda max: 108000/M/cm.

It is used for the 5'- labeling of fluorogenic probes used in 5' nuclease assays, Molecular Beacons, and other detection assays. This fluorescent dye can only be added to the 5' terminus. BHQ-2 dye will quench the CAL Fluor Red 610 moiety. The CAL Fluor Red 610 fluorophore is coupled directly to an oligo and is an alternative for Texas Red dye with absorption max is at 589 nm and emission max at 615 nm.