



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.

VIC NHS fluorophore

Category	Fluorescent Dyes
Modification Code	VIC-N
Reference Catalog Number	26-6484
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	550

Structure Not Available

[Click here for a list of fluorophores.](#)

VIC is a fluorescent dye that was originally developed by Applied Biosystems. 5'-VIC is available for 5' and as 6'-VIC NHS for internal sites with an amino group base or internal non-nucleosidic amino group. VIC has an excitation maximum of 526 nm and an emission maximum of 543 nm, thus emitting in the green-yellow part of the visible spectrum. It is used to fluorescently label oligonucleotides at the 5' end (for use as probes in a variety of real-time PCR, hybridization, and fluorescence-based genetic analysis applications) and is currently only available from Life Technologies. Since the fluorescent dye HEX has a similar emission profile (absorbance maximum = 535 nm; emission maximum = 556 nm), for those customers who are able, Gene Link offers HEX as a less expensive reasonable substitute. For more information on HEX, please see its technical sheet.