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



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.