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TAMRA CPG 500, 5-isomer

http://hk.lumiprobe.com/p/tamra-cpg-5

Controlled pore glass solid support with TAMRA for the synthesis of 3'-labeled oligonucleotides.

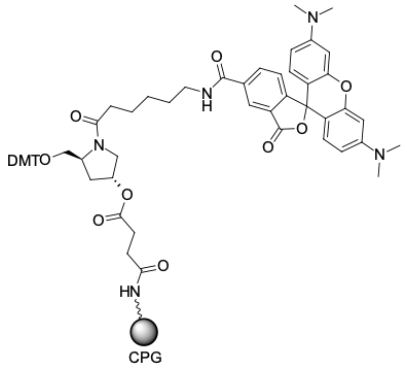
TAMRA CPG supports allow for the introduction of a reporter/quencher to be used in probe-based assays, like TaqMan probes for real-time PCR quantification and FRET experiments, which require that oligonucleotides be doubly labeled.

The proposed solid support 500 Å provides an optimal yield of oligonucleotides up to 50 mer. The TAMRA dye is not stable in the presence of ammonium, so it is strongly recommended to follow specified conditions for labeled oligonucleotide deprotection.

Usage

Coupling: standard time depending on the first monomer.

Deprotection: tret-buthylamine : methanol : water 1 : 1 : 3 (v/v/v) («TAMRA cocktail») for 6 h at 60 °C, then cool down to room temperature.



外观:	
质量控制:	
储存条件:	
法律声明:	本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試，且未經明示或暗示授權用於其他任何用途，包括但不限於體外診斷、人類或動物用途，以及商業用途。

激发/吸收极大值，纳米:	541
ε, 摩尔吸光系数，cm^{-1}:	84000
发射极大值，纳米:	567
荧光量子产率:	0.1
CF_{260}:	0.32
CF_{280}:	0.19

孔径大小，埃:	500
典型载荷，umol/g:	50−70