

TAMRA CPG 1000, 6-isomer

<http://hk.lumiprobe.com/p/tamra-cpg-1000-6>

6-TAMRA CPG (glycerol) is controlled pore glass (CPG) with the fluorescent dye 6-carboxytetramethylrhodamine (6-TAMRA) covalently attached via a glycerol linker. This support is designed for automated solid-phase oligonucleotide synthesis using the phosphoramidite method, allowing the introduction of a fluorescent label at the 3'-end without additional post-synthetic labeling steps.

The 1000 Å pore size is optimal for synthesizing long sequences — up to 100 nucleotides. 6-TAMRA is a orange-red fluorescent dye with absorption and emission maxima at 541 nm and 567 nm, respectively, and is widely used in molecular diagnostics. TAMRA-labeled oligonucleotides obtained with this reagent are employed in methods such as real-time PCR, fluorescence in situ hybridization (FISH), FRET, and surface-enhanced Raman spectroscopy (SERS).

外观:	深粉紅色珠子
质量控制:	NMR ¹ H, 寡核苷酸合成中的功能測試
储存条件:	收到後 -20°C 避光保存 24 個月。運輸: 室溫最多可保存3週。乾燥。避免長時間暴露在光線下。
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:	1000
典型载荷, umol/g:	30-40
偶联条件:	
切割条件:	