

CLICK-&-GO® PLUS 647 IMAGING KIT

SKU: CCT-1320



Description

Click-&-Go® Plus 647 Imaging Kit is an all-inclusive kit optimized for imaging alkyne-tagged biopolymers with far-red fluorescent AZDye 647 Azide Plus. Azide Plus reagents contain a complete copper-chelating system in their structure, allowing for the formation of strong, active copper complexes that act simultaneously as both reactant and catalyst in the CuAAC reaction. This azide-copper complex reacts almost instantaneously with alkynes under diluted conditions. This unprecedented reactivity in the CuAAC reaction is of special value for the detection of low abundance targets, improving biocompatibility, and is also valuable for any other application where greatly improved S/N ratio is highly desired. Sufficient materials is supplied to perform at least 30 cell or tissue assays based on a total reaction volume of 500 μ L.

Specifications

Unit Size	1 kit
Dye	AZDye 647
Abs/Em Maxima	648/674 nm
Flow Cytometry Laser Line	633 nm or 647 nm
Microscopy Laser Line	633 nm or 647 nm
Number of Reactions	30
Storage Conditions	4 C
Shipping Conditions	Ambient temperature

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