

CLICK-&-GO® CLICK CHEMISTRY REACTION BUFFER KIT

SKU: CCT-1001



Description

Click Chemistry Reaction Buffer Kit provides researchers who have proteins labeled with an azide or alkyne and the corresponding click detection reagent with all the necessary reagents to perform an up to 25 efficient copper-catalyzed click reactions for subsequent analysis by gel electrophoresis, western blot or mass spectrometry. The kit utilizes THPTA as a copper chelating reagent to stabilize a catalytically active Cu(I) to accelerate the rate of CuAAC. The use of copper-chelating ligand also minimizes amount of free copper in solution, thus limiting the generation of reactive oxygen species (ROS) and protecting against undesired oxidative damage side reactions to proteins (e.g., GFP, RPE), nucleic acids (e.g., RNA, oligos), and other biomolecules.

Specifications

Unit Size	1 Kit
Number of Reactions	25
Storage Condition	4 C
Shipping Conditions	Ambient temperature

For research use only. Not intended for animal or human therapeutic or diagnostic use.