

Highlights

- Materials for 4 labeling reactions
- Labeling efficiency up to 100%
- Streamlined protocol
- 6+ months of stability



PICO Labels available:

- PICOglue BL Label #PICO-000120
- PICOglue P8 Label #PICO-000121
- PICOglue N6 Label #PICO-000122
- PICOglue O7 Label #PICO-000123

Further analysis with:

- PICO AMC Kit #PICO-000010



PICOglue Antibody Labeling Kit

#PICO-000110

The **PICOglue Antibody Labeling (gAL) Kit** utilizes Actome's advanced PICOglue labeling technology to conjugate antibodies with DNA oligonucleotides (PICO Labels), enabling highly sensitive PICO measurements. With labeling efficiency of up to 100% this kit ensures the highest quality of labeled antibodies, allowing absolute quantification of proteins, protein interactions, and post-translational modifications using the **PICO Amplification Core (AMC) Kit**.

The streamlined **PICO gAL** workflow is a three-day procedure that requires less than 2.5 hours of hands-on time, making it easy and convenient to use. The labeled antibodies remain stable for at least six months at 4°C, providing researchers with a long shelf-life for their PICO experiments.

The **PICO gAL Kit** contains materials for four labeling reactions, with each reaction producing enough labeled antibodies to analyze biological samples in 24- or 96-well QIAcuity Nanoplates. There are four different **PICO Labels** (PICOglue BL, P8, N6, and O7 Label) available, enabling versatile 4-plex PICO measurements across a wide range of research needs. For example, you can measure the absolute amounts of two individual proteins or two protein interactions simultaneously in a single experiment, making it an incredibly efficient and cost-effective solution for your research.



Antibody labeling



PICO assay



Data analysis

Next Generation Discovery

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