

Highlights

- Contains all the individual PICO Kits
- Run PICO assays in 24- or 96-well dPCR plates
- Rapid data analysis with AMULATOR



Kits included in this set:

- PICOglue Antibody Labeling Kit
- PICO Amplification Core Kit
- PICOglue BL Label
- PICOglue P8 Label
- PICO BL Probe
- PICO P8 Probe

Further analysis with:

- QIAGEN's QIAcuity dPCR System
- AMULATOR



PICOglue Assay All-in-One Set

#PICO-000021

The Protein Interaction Coupling (**PICO**) technology enables the detection and **absolute quantification** of proteins, protein interactions, and post-translational modifications by employing oligonucleotide-labeled antibodies and digital PCR readout. All you need is a **pair of non-overlapping antibodies** against the target of your choice.

Perform complete PICO experiments with the comprehensive **PICOglue Assay All-in-One Set**. This set includes all the necessary individual PICO Kits, providing you with the materials needed to conduct PICO reactions in **24- or 96-well** QIAcuity dPCR plates.

Streamlined PICO workflow:

1. Two different antibodies of your choice are labeled with **PICO Labels** using the **PICOglue Antibody Labeling Kit**.
2. The biological sample is lysed and incubated with the labeled antibodies. '**Couplexes**', a target bound by two different labeled antibodies, are formed. The sample is highly diluted, combined with the PCR Master Mix and loaded into a dPCR assay plate for readout.
3. In **QIAGEN's QIAcuity dPCR** instrument the sample is partitioned into thousands of minuscule partitions. During amplification the two different **PICO Labels**, bound by the matching **PICO Probes**, generate distinct fluorescent signals.
4. The raw dPCR data is uploaded to our web-based **AMULATOR** software for data analysis and statistical evaluation.



Antibody labeling



PICO assay



Data analysis

Next Generation Discovery

Actome GmbH • Georges-Köhler-Allee 302 • 79110 Freiburg im Breisgau • Tel. +49 761 216 305 00



actome.de



info@actome.de



@actomegmbh



linkedin.com/company/actome



youtube.com/@actome