

Highlights

- Contains all the individual PICO Kits for the entire PICO workflow
- Use dPCR for readout
- Rapid data analysis with AMULATOR



Kits included in the set:

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

dPCR analysis with:

- QIAGEN's QIAcuity dPCR System
- Stilla's naica® System
- Stilla's Nio™ Digital PCR



PICOglue Assay All-in-One Set

#PICO-000021

Revolutionize your protein quantification

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 for readout.

Ready-to-go set for your PICO experiments

Perform complete PICO experiments with the comprehensive PICOglue Assay All-in-One Set. This set includes all the necessary individual PICO Kits to perform the entire PICO workflow from antibody labeling through the PICO Assay to data analysis.

Streamlined PICO workflow:

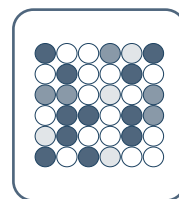
1. Two different antibodies of your choice are labeled with PICOglue Labels using the PICOglue Antibody Labeling Kit.
2. The biological sample is lysed and incubated with the labeled antibodies using the PICO Amplification Core Kit. After incubation, the sample is highly diluted, combined with the dPCR Master Mix and the matching PICO Probes, and loaded into a dPCR assay plate for readout.
3. In the dPCR instrument the PICOglue Labels, bound by the matching PICO Probes, are amplified and distinct fluorescent signals generated and recorded.
4. The raw dPCR data is converted into protein concentration using AMULATOR our online data analysis software.



Antibody Labeling



PICO Assay



dPCR



Data Analysis

The Absolute Protein Assay

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

 actome.de  info@actome.de  [@actomegmbh](https://www.actomegmbh.com)  [linkedin.com/company/actome](https://www.linkedin.com/company/actome)  [@actome.gmbh](https://www.instagram.com/actome.gmbh)  [youtube.com/@actome](https://www.youtube.com/@actome) V2.1