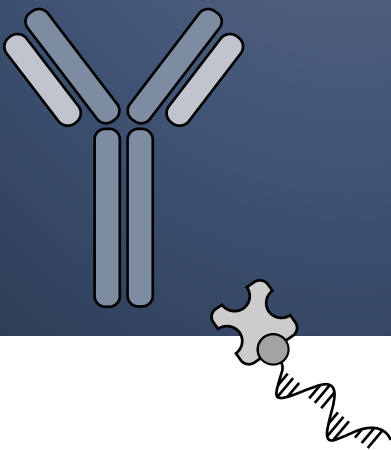


Highlights

- High labeling efficiency
- Minimum hands-on time (< 2 hrs)
- Stable for at least 2 months at 4°C



PICO DNA Labels:

- PICOact BL Label #PICO-000060
- PICOact P8 Label #PICO-000061

Further analysis with:

- PICO AMC Kit #PICO-000010



Antibody labeling

PICO aAC & PICO aCALL Kit

#PICO-000030

#PICO-000040

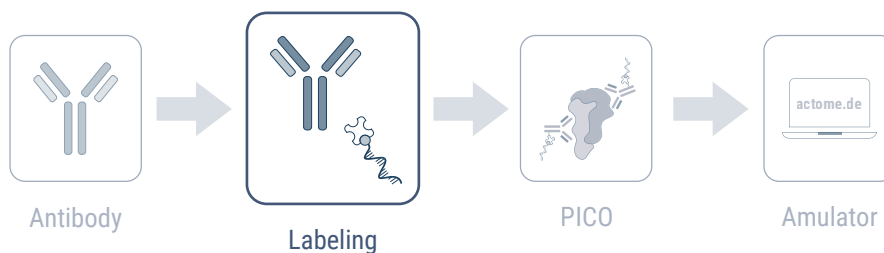
The initial step in the **Protein Interaction Coupling (PICO)** workflow is the labeling of the antibodies with unique oligonucleotide labels (PICO DNA Labels). The PICO labeling workflow includes:

1. Conjugation of the antibody with Actomidin (**PICO aAC Kit**)
2. Loading of the conjugated antibody with PICO DNA Labels (**PICO aCALL Kit**)

The PICO aAC kit provides up to **80% Actomidin conjugation efficiency**. To determine the conjugation efficiency, we recommend performing a quality control step using automated electrophoresis, for example with the Agilent Bioanalyzer or a similar system.

After conjugation, the antibodies are loaded with the PICO DNA Labels using the **PICO aCALL Kit**. The kit provides high labeling efficiency (free label content below 3%) together with simultaneous removal of unbound PICO DNA Labels by washing steps. The precise concentration of the labeled antibodies is determined by a digital PCR measurement. The entire labeling process requires approximately 2 hours of hands-on time as a two-day process. The labeled antibodies are stable for at least 2 months at 4°C.

For the highest PICO labeling efficiency we recommend purifying your antibody with our **PICO Antibody Purification (AP) Kit** prior to labeling. The **PICO AP Kit** efficiently removes any non-antibody proteins that can interfere with the labeling reaction.



Next Generation Discovery

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