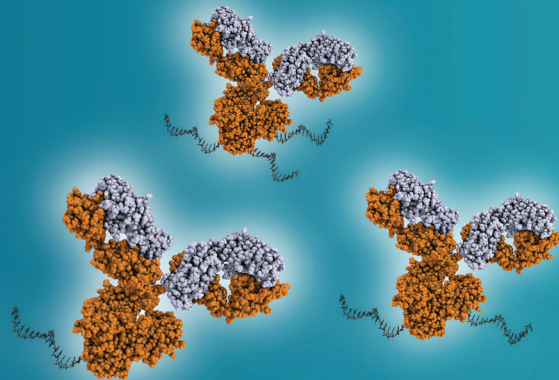




CleanAb

Fast & Efficient Antibody Clean-Up
after Oligo Conjugation



The removal of unbound oligos from antibody-oligo conjugates is a critical determinant of assay reliability and reproducibility. CleanAb Kits use an advanced agarose bead-based system - optimized for high recovery and mild elution at physiological pH, preserving sample integrity, and your investment. Reliable, reproducible, and easy to use - CleanAb Kits set a new standard for antibody conjugation clean-up.

✓ **Fast & efficient oligo removal**

Cleans oligo-conjugated rabbit or mouse primary antibodies of excess oligos – post conjugation or after on-bead conjugation.

✓ **Elution at native pH**

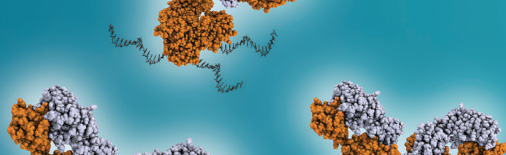
Uses coated agarose beads optimized for elution at pH 7.5, preserving functionality of your sample.

✓ **High recovery rate**

Demonstrates high affinity towards all rabbit & mouse subtypes, with recovery rates of 60-90%, minimizing product loss.

When you need it all.

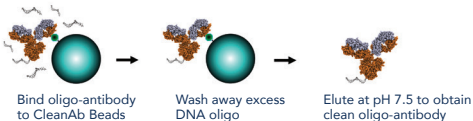
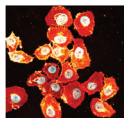
ptglab.com



1 Kit – 2 Options: The CleanAb protocols at a glance

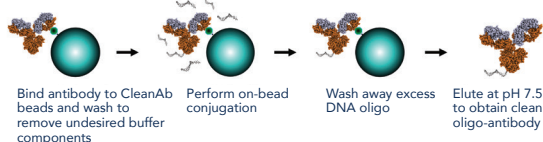
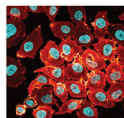
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Post Conjugation Clean-Up



CleanAb

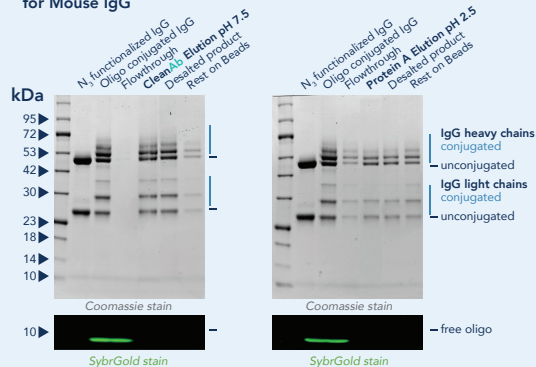
On-bead Conjugation



CleanAb vs. Protein A

CleanAb

for Mouse IgG



Mouse IgG (anti-Lamin B1 IgG1; 66095-1-Ig) was first conjugated with NHS-Azide (lane 1) and subsequently with DBCO-Oligo (lane 2).

Left: Post conjugation clean-up was done using CleanAb Kit for mouse IgG (lanes 3-5). Excess oligo was successfully removed as shown by SYBR Gold DNA staining and IgG eluted with high recovery (~70%) at neutral pH (lane 4). Desalting was performed with Zeba spin desalting columns (lane 5). Only very little IgG remained on the beads (lane 6).

Right: Post conjugation clean-up was done using Protein A beads (lanes 3-5). Excess oligo was successfully removed as shown by SYBR Gold DNA staining but IgG elution with low pH failed (lane 4). Most IgG remained on the beads (lane 6).

Large Scale Orders & Custom Solutions

Contact us for bulk orders or to discuss custom solutions for liquid handling systems and pre-filled pipette tips: Tech-Euro@ptglab.com

