

EasyConj™ One-step conjugation protocol

Materials provided

Material	Storage
Dry EasyConj™ particles in a 200 µL tube	<ul style="list-style-type: none"> • 2–8 °C • Do not freeze! • Protect from light.
Filtration device to remove excess antibody	

Materials not provided

Material
100 µg of antibody, dissolved in a suitable buffer. ¹ The antibody concentration should be at least 0.5 mg/mL.
Additional buffer, same as the one where the antibody is dissolved.

EasyConj™ conjugation procedure

1. Prepare the antibody solution. If the concentration is higher than 1 mg/mL, dilute the antibody with the same buffer to a concentration of 1 mg/mL.
2. Add 100 µL of such antibody solution (equivalent to 100 µg) to the tube containing the dry EasyConj™ particles.
3. Gently resuspend the dry particles.
4. Place the vial on an orbital shaker for 3 hours at room temperature, or overnight at ~4 °C.
5. Spin the tubes for few seconds on a benchtop centrifuge to recover any drop of solution that might be inside the cap.
6. OPTIONAL. Purify the EasyConj™ – antibody conjugate from the excess antibody using the provided filtration device.
7. Store the EasyConj™ – antibody conjugate at 2–8 °C in the dark, until needed. Do not freeze!

¹ Buffers tested are:

- phosphate buffered saline (PBS) 1x, pH 7.4
- borate buffer 100 mM, 8 g/L NaCl, pH 9.2