

Removal of Free oYo-Link reagent with oYo-Capture™ Magnetic Beads

Antibody-oYo-Link® Conjugate Purification Protocol

The following steps describe how to remove free oYo-Link from 25ug of conjugated antibody-oYo-Link.

Protocol:

1. Use 100 µL beads for every 25 µg of conjugated antibody-oYo-Link.
2. Take oYo-Capture Magnetic Beads out of 4 °C storage and gently mix to evenly distribute the beads. Pipette 100 µL beads to a new tube.
3. Place the tube in a magnet for 2 min.
4. Pipette out and discard the supernatant, which is the storage buffer.
5. Add 200 µL 1xPBS (pH 7.3, sterile and endotoxin free) to wash the beads, and repeat steps 3 and 4.
6. Wash two more times with 1xPBS (pH 7.3, sterile and endotoxin free) and discard the supernatant.
7. Add 25 µg of conjugated antibody-oYo-Link to the tube and flick the tube gently to mix.
8. Leave the tube at room temperature for 1-2 mins. During this period, flick the tube once again.
9. Place the tube in a magnet for 2 mins.
10. Pipette out the supernatant, which contains the conjugated antibody-oYo-Link, and transfer to a new tube.
11. If the supernatant is slightly brown in color, repeat steps 9 and 10.

Note: For removing larger amounts of conjugated antibody-oYo-Link, use the same ratio of the beads.

Amount of conjugated antibody-oYo-Link	Volume of oYo-Capture Magnetic Beads	Volume of PBS buffer for Step 5 washing
25 µg	100 µL	200 µL
100 µg	400 µL	800 µL
500 µg	2mL	4 mL
1 mg	4mL	8mL