

# Antibody Conjugate Purification Kit for 20–50 µg

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Revision A.0

Detailed protocol is available online at [www.lifetechnologies.com/manuals](http://www.lifetechnologies.com/manuals).

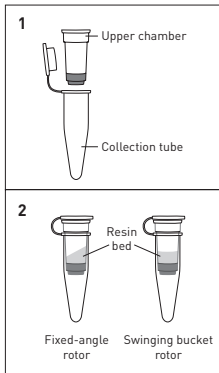
**WARNING!** For every chemical, read the Safety Data Sheets (SDSs) and follow the handling instructions. Wear appropriate protective eyewear, clothing, and gloves. Safety Data Sheets (SDSs) are available from [www.lifetechnologies.com/support](http://www.lifetechnologies.com/support).

Component	Amount	Storage
Spin filters (Component A)	3 each	• 2–8°C • Do not freeze
Purification resin (Component B)	~3 mL	

**Note:** Because the preparation of the purification column takes ~10 minutes, you may wish to begin during the labeling reaction.

For Research Use Only. Not for use in diagnostic procedures.

1. Fill the upper chamber of the spin filter (Component A; Figure 1) up to the lip with the suspended gel resin (Component B).
2. Centrifuge the spin filter at  $16,000 \times g$  in a microcentrifuge or swinging bucket rotor for a total of 15 seconds. After centrifugation, the resin will appear as shown on Figure 2.
3. Pipet no more than  $50 \mu\text{L}$  of the conjugate reaction mixture onto the center of the resin bed surface.
4. Centrifuge at  $16,000 \times g$  for a total of 1 minute.
5. The collection tube will contain purified dye- or biotin-labeled protein in approximately  $60\text{--}100 \mu\text{L}$  of buffer, which will be ready for use.



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