

QUICK REFERENCE

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Antibody Conjugate Purification Kit for 0.5–1 mg

Catalog no. A33086

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Revision A.0

Detailed protocol is available online at 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.

Component	Amount	Storage*
Purification resin (slurry) (Component A)	~25 mL	2–8°C
10X Elution buffer (liquid) (Component B)	~25 mL	
Purification columns, column funnels, foam holders (Component C)	3 each	
Collection tubes (Component D)	3 each	

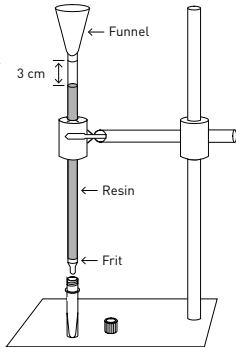
* For optimal storage conditions of individual components, refer to the labels on the vials or bags. **Do not freeze Components A and B.**

Note: Because the preparation of the purification column takes ~15 minutes, you may wish to begin pouring the column during the labeling reaction.

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- 1. Prepare purification column/resin:** Assemble the purification column as shown and add purification resin up to ~3 cm from top. Check buffer flow-through with 1X PBS. If buffer flow stalls, remove the resin, clear the frit, and repack the column with resin/buffer. Allow the excess buffer to drain before loading the labeled antibody.
- 2. Prepare 1X elution buffer:** Dilute 10X elution buffer 10-fold in distilled water at room temperature. Typically, less than 10 mL will be required for each purification.
- 3. Purify protein:** Remove the funnel. Load the labeling mixture onto the top of the resin in the column; allow the mixture to settle into resin. Elute the labeled antibody with 1X elution buffer or 1X PBS. Collect and retain all fractions.



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