

# Alexa Fluor® Antibody Labeling Kits

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

## Quick Protocol

1. Prepare a 1 M sodium bicarbonate solution by resuspending Component B in 1 mL of deionized water.
2. Adjust the antibody concentration to 1.0 mg/mL, then add 1/10th volume of the 1 M sodium bicarbonate solution (from step 1).
3. Add 100  $\mu$ L of the antibody (from step 2) to the vial of Alexa Fluor® dye. Invert to mix and incubate for 1 hour at room temperature.
4. Assemble the Purification Column. Prepare 1.5 mL of resin bed and centrifuge the column at 1100 x g for 3 minutes.
5. Add the reaction mix (from step 3) and centrifuge the column at 1100 x g for 5 minutes to collect the labeled antibody.

For research use only. Not for use in diagnostic procedures.

Alexa Fluor® Antibody Labeling Kit	Ex/Em (nm)	Cat. no.
Alexa Fluor® 350 Antibody Labeling Kit	346/442	A20180
Alexa Fluor® 488 Antibody Labeling Kit	494/519	A20181
Alexa Fluor® 532 Antibody Labeling Kit	530/554	A20182
Alexa Fluor® 546 Antibody Labeling Kit	554/570	A20183
Alexa Fluor® 555 Antibody Labeling Kit	555/565	A20187
Alexa Fluor® 568 Antibody Labeling Kit	577/603	A20184
Alexa Fluor® 594 Antibody Labeling Kit	590/617	A20185
Alexa Fluor® 647 Antibody Labeling Kit	650/668	A20186
Alexa Fluor® 680 Antibody Labeling Kit	679/702	A20188
Alexa Fluor® 790 Antibody Labeling Kit	785/810	A20189

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