

1. Precautions for safe use of this product

To use this product safely, please read this instruction manual carefully first. Please refrain from operating the product until you fully understand the contents of this instruction manual. This instruction manual describes only how to use this product for the specified purpose. Please refrain from using the product for purposes or in ways not described in this instruction manual. If you use the product for purposes or in ways not described in this instruction manual, you are solely responsible for all necessary safety measures and unforeseen circumstances. Also, please carefully read and understand the instruction manuals of any devices you will be using at the same time.

2. Purpose of use

This product is a reagent for preparing native-PAGE samples of proteins. It is compatible with native-PAGE, High Resolution Clear Native-PAGE (HR CN-PAGE), and Blue Native-PAGE (BN-PAGE).

3. Product configuration

Name	Volume	Qty.	Storage
EzApply Native	40 mL	1	2-10 °C

4. Composition

Name	Main component
EzApply Native	Tris, glycerol, Bromophenol blue, Coomassie brilliant blue

This Product does not contain any poisonous or deleterious substances under the Poisonous and Deleterious Substances Control Law, or any substances subject to notification that exceed the exemption amounts stipulated under the Industrial Safety and Health Law or the PRTR Law. For details, please download the SDS for this product from the ATTO website (<https://www.atto.co.jp/>).

5. Storage

- This product should be stored refrigerated (2-10 °C).
- Unopened, it is stable up to the expiration date (one year from the date of manufacture).

6. Disposal method

- Dispose of each reagent in accordance with the disposal method of your institution.
- Bottle material: Body and Lid: Polypropylene

Items required other than this product

- Electrophoresis gel
- Electrophoresis reagents (electrode buffer, etc.)
- Electrophoresis equipment
- Vortex mixer
- small centrifuge

8. Precautions for use

- This product is shipped refrigerated or at room temperature. Please store refrigerated (2-10 °C) immediately upon arrival.
- This product is a 10x stock solution. Please dilute according to the instructions before use.
- This product is a sample preparation reagent for Native-PAGE. It is suitable for preparing samples to be separated by Native-PAGE, BN-PAGE, and HR CN-PAGE using polyacrylamide gels such as u-PAGEL H. It cannot be used for SDS-PAGE.
- This product may cause precipitation of components. Mix by inversion before use.
- Prepared electrophoresis samples cannot be stored. Mix only the amount required for the experiment immediately before use.

9. How to use

1. Remove this product from the refrigerator and mix well.
2. Add 1/10 of the volume to the sample and mix well.
*Add 1μL of **EzApply Native** to 9μL of sample.
3. Spin down using a microcentrifuge.
4. Apply to an electrophoresis gel and run.
5. Run until the dye (CBB), which indicates the electrophoresis front, reaches the bottom of the gel.

10. Reference materials

Even when following the same protocol, small variations in technique may result in large differences in outcomes. For detailed experimental tips, please visit the ATTO website (<https://www.atto.co.jp/>) to download our know-how resources.


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