

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 running buffer used for electrophoresis in a Tricine-discontinuous buffer system using polyacrylamide gels.

3. Product Configuration

Name	
EzRunT	1 bag

4. composition

Name	Main components
EzRunT	Tris , Tricine , SDS

This product contains substances that are subject to notification and exceed the amounts excluded under the PRTR Law and the Industrial Safety and Health Law. If you do not have the SDS, please download the SDS for this product from the ATTO website (<https://www.atto.co.jp>) and check it.

5. Storage

- Store powdered **EzRunT** at room temperature (15-30°C), away from direct sunlight. It is stable unopened within the expiration date (one year from the date of manufacture).
- Store the stock solution made by dissolving **EzRunT** in a tightly sealed container at room temperature, away from direct sunlight. It is stable for six months in this state.
- When dissolving **EzRunT** in a solution, SDS may precipitate at low temperatures. When using, warm the solution with lukewarm water, etc., to completely dissolve the precipitated SDS.
- Buffers used for electrophoresis cannot be reused.

6. Items required other than this product

- Magnetic stirrer
- Stir bar
- Beaker
- Graduated cylinder
- Distilled water
- Container such as a medium bottle

7. Disposal method

- Dispose of each reagent in accordance with the disposal method of your affiliated institution.
- Laminated bag with zipper Material: Polyester/aluminum/polyethylene

8. How to use

1. Open the **EzRunT**, put the entire contents into a beaker, and dissolve it in 400 mL of distilled water.
2. Add about 20 mL of distilled water to the **EzRunT** bag to dissolve the remaining powder, and return it to the beaker.
3. Check that the powder is completely dissolved, and use a graduated cylinder to make up to 500 mL.
4. This is the 10x stock solution. Store in a container with a lid.
5. Dilute the 10x stock solution 10 times with distilled water and use it as a 1x working solution for electrophoresis. For example, add 900 mL of distilled water to 100 mL of 10x stock solution and mix.

9. Additional information

- For electrophoresis, please follow the instructions for your electrophoresis device.
- For electrophoresis, follow the instruction manual of the electrophoresis device you are using. The composition of this product is based on the method of Schagger *et al.*, but the concentration may differ.

10. Related Items

This is a ready-made gel based on the method of Schagger *et al.* for separating small peptides. **EzRunT** is used as the running buffer.

Model number	Name
P-T16.5S	14 samples p- PAGEL
P-R16.5S	18 samples p- PAGEL
CP N 16.5S	15 samples cp- PAGEL Neo


ATTO CORPORATION

3-2-2 Motoasakusa, Taito-ku, Tokyo 111-0041, JAPAN

<https://www.attoeng.com/>


Contact

