

1. Safety precaution

Before using the product, read this instruction manual thoroughly at first. Do not start the operation until you understand the contents of manual. Also, this document describes only method used for specified purpose with this product. Do not use this product for any purpose or by any method other than described here. If you use this product for any purpose or by any method other than described in this manual, you will be held responsible for any necessary safety measures as operator.

2. Application

This product is Tris-Glycine buffer for polyacrylamide gel electrophoresis.

3. Package

Product name	Volume
<i>EzRunT</i>	1 pack

4. Components

Product name	Main component
<i>EzRunT</i>	Tris, Tricine, SDS

This product includes notifiable materials exceeding to regulated amount for excluding decided by PRTR Law. Please contact our sales department about its MSDS.

5. Storage

- Prevent powder of *EzRunT* from direct sun light and keep it at room temperature. If the package is unopened, it is stable until mentioned expiration date (1 year from production date).
- Prevent stock solution made of powder of *EzRunT* from direct sun light, stopper it tightly and keep it at room temperature. It is stable for 6 month under this condition.
- SDS may educe from solution including *EzRunT* at low temperature. Warm and dissolve SDS completely with tepid water etc. for using.
- Buffer used once for electrophoresis cannot be reused again.

6. Necessary things other than this product

- Magnetic stirrer
- Beaker
- Container such as media bottle
- Stirrer bar
- Graduated cylinder
- Distilled water

7. Disposal method

- Follow the disposal method decided by the organization you belong to.
- Material of laminating zipper pack
Polyester/Aluminum/Polyethylene

8. Usage

- ① Open the pack of *EzRunT*. Put whole amount of the powder in a beaker and dissolve it with 400 mL distilled water.
- ② Put about 20 mL distilled water in the pack of *EzRunT*. Dissolve rest of the powder inside of the pack and put it back to the beaker.
- ③ Confirm the powder is dissolved completely. After that, dilute it in measuring cylinder to 500 mL total.
- ④ 10x stock solution is made. Preserve it in a container having a cap.
- ⑤ Dilute 10x stock solution 10 times with distilled water and use it as 1x working solution for electrophoresis. For example, mix 100 mL 10x stock solution with 900 mL distilled water for making 1x working solution.

9. Supplementary item

- Follow also the manual of the apparatus you use for electrophoresis.
- The composition of this product is based on the method of *Shagger* et al., but concentration is different.

10. Relative products

Product number	Product name
E-T15S	14-well e-PAGEL
E-R15S	18-well e-PAGEL
C15S	12-well c-PAGEL

These products are precast gel for separation of low molecule peptide based on the method of *Shagger* et al. *EzRunT* is used for electrode buffer.



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