

Triton X-100

Catalog No: E-IR-R122

Size: 10 mL / 50 mL / 100 mL

Cat.	Products	10 mL	50 mL	100 mL	Storage
E-IR-R122	Triton X-100	10 mL	50 mL	100 mL	RT
Manual				One Copy	

This manual must be read attentively and completely before using this product.

If you have any problems, please contact our Technical Service Center for help.

Phone: 240-252-7368(USA) Fax: 240-252-7376(USA)

Email: techsupport@elabscience.com

Website: www.elabscience.com

Please kindly provide us the lot number (on the outside of the box) of the kit for more efficient service.

Introduction

Triton X-100 (Polyethylene Glycol Octyl Phenyl Ether) is a non-ionic surfactant (or detergent). The molecular weight is 646.86 ($C_{34}H_{62}O_{11}$). It can dissolve lipid to increase the permeability of cell membrane to antibody. The concentration of Triton X-100 in immunocytochemistry is 1% or 0.3%, in which 1% Triton X-100 is usually used for rinsing tissue samples, 0.3% Triton X-100 is usually used for diluting serum, 0.1% Triton X-100 is commonly used for lamp (loop mediated isothermal amplification), preparation of BSA, etc.

Instructions

This product is 100% Triton X-100 solution. It is recommended to prepare 30% Triton X-100 stock solution, and dilute to the required concentration when it is needed.

Preparation of 30% Triton X-100 stock solution: Take 3 ml of Triton X-100 and add it to 7 ml of $1 \times$ PBS buffer, the mixture is 30% Triton X-100.

Dilute the 30% Triton X-100 stock solution with $1 \times$ PBS buffer to the required concentration before use.

Storage

Store at room temperature for 12 months. Avoid of freezing.

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Cautions

1. This product is for research use only. It couldn't be used for clinical diagnosis or treatment, food or medicine, and can't be stored in residence.
2. For your safety and health, please wear the lab coat and disposable gloves before the experiments.