

Tissue Washing Solution

Cat. No.: O1521152 | Pack size: 100ml; 500ml | Storage: -20°C

Product Information

Item	Details
Available Pack Size(s)	100ml; 500ml
Specifications & Purity	BioReagent, sterile, for cell culture
Stability and Storage	Store at -20°C long term (12 months).
Storage Conditions	Store at -20°C
Shipped In	Ice chest + Ice pads. This product requires cold chain shipping. Ground and other economy services are not available.

Product Description

This product is used for washing tumor or normal tissues during tissue pretreatment. It contains a combination of multiple antibiotics to exert synergistic antibacterial effects, which can effectively reduce contamination rates in primary cell culture.

Instructions for Use

1. Take the digestive enzyme out of the -20°C refrigerator in advance and thaw it at 2-8°C.
2. Dilute Tissue Digestion Enzyme (Catalog No. O1521148) at a ratio of 1:1 with Digestive Enzyme Diluent (Catalog No. D1521149) to prepare working solution.
3. Transfer tissues into a petri dish, add 3 mL tissue washing solution to rinse tissues, and repeat rinsing 2-3 times.
4. Under aseptic conditions, mechanically cut tissues into 1-2 mm³ fragments, then transfer them into sterile 15 mL centrifuge tubes.
5. Add 5 mL tissue washing solution and centrifuge at 1500 rpm at room temperature for 3 minutes.
6. Discard the supernatant, add 12 mL working-concentration digestive enzyme. Label sample names and numbers, seal the tubes, and place them in a constant-temperature shaking incubator

for digestion. Set parameters at 37°C, 200-300 rpm (adjust speed according to tissue texture). Terminate digestion when tissues become flocculent with no visible hard lumps.

7. Take out digested samples and centrifuge at 1500 rpm at room temperature for 3 minutes.
8. Discard the supernatant, add 6 mL serum-containing medium to terminate digestion, and centrifuge at 1500 rpm at room temperature for 3 minutes.
9. Discard the supernatant, resuspend cells with primary cell medium for subsequent use.

Precautions

1. Strict aseptic operation is required during use to avoid contamination.
2. Use the product within the shelf life. Ideal experimental results cannot be guaranteed after expiration.
3. For research use only, not for in vitro diagnosis.

Contact & Global Offices

Whether you have a technical question, need help with a quotation, or want to inquire about an order, our regional teams are ready to assist. Please contact the office for your region; for general inquiries, the North American office is the corporate primary.

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Limitations & Disclaimer

- For Research Use Only (RUO). Not for use in human or animal diagnostics, therapeutics, or in vivo applications. Not for food, cosmetic, or household use.
- This product is not a CE-marked in vitro diagnostic device under IVDR (EU) 2017/746 and is not an FDA-cleared device under 21 CFR. Use is restricted to verified businesses, institutions, and qualified professionals for research and development purposes.

- Where any product component is classified as hazardous under CLP (EC) 1272/2008 or OSHA HCS (29 CFR 1910.1200), the product Safety Data Sheet (SDS) takes precedence over this document for handling, storage, and disposal information.
- Performance depends on sample type, sample condition, handling, and operator technique. Users are responsible for validating this product for their specific application.
- Aladdin product labels, SDS, COA, and approved specifications take precedence over this document. If product formulation, label, SDS, storage conditions, pack size, or quality specifications change, this document would be reviewed and reissued.