

# Electrophoretic Tissue Clearing Solution

C13001

## Storage

Room temperature

## Product Description

Appearance	Colorless liquid
pH	8.5

Electrophoretic Tissue Clearing Solution is a premixed SDS-based buffer optimized for use with the X-CLARITY™ Tissue Clearing System.

## Directions for Use

If precipitates form, incubate at 60°C for 1 hour or at room temperature for 1 day.

1. Use 1.2 L fresh Electrophoretic Tissue Clearing Solution for each run with the X-CLARITY™ Tissue Clearing System.
2. Replace the solution every 24 hours.

**!** *Reused clearing solution may have lowered buffering capacity, which reduces clearing efficiency. Prolonged use of Electrophoretic Tissue Clearing Solution may cause electrolysis of the extracted lipids, turning the tissue yellow.*

## Disclaimer

This product is for research use only. Please consult the material safety data sheet for information regarding hazards and safe handling practices.

## References

1. Lee, E et al. ACT-PRESTO: Rapid and consistent tissue clearing and labeling method for 3 dimensional (3D) imaging. *Sci Rep* 6, 18631 (2016).
2. Yang, B. et al. Single-cell phenotyping within transparent intact tissue through whole-body clearing. *Cell* 158, 945–958 (2014).
3. Chung, K. et al. Structural and molecular interrogation of intact biological systems. *Nature* 497, 332–337 (2013).

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LBSM-RD-PI-CS-001 Rev.2

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