

Certificate of Analysis

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Product Name: Tissue Clearing Pro-Organoid

Catalog No.: 7390

Batch No.: 8

We certify that this product meets our quality release criteria.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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The Tissue Clearing Pro-Organoid kit is designed specifically for use with 3D cell cultures, organoids and microtissues. It is able to clear samples with minimum changes to morphology and without compromising the sensitivity of detection with almost any fluorophore. With this easy-to-use protocol, 3D cell cultures up to 500 µm in thickness can be cleared within minutes, without using any special instrument or equipment. The clearing workflow is compatible with most fluorophores including fluorescent proteins, which can be detected with typical fluorescent imaging instruments such as wide-field, confocal, and light sheet microscopes, and high-content analyzers. The Tissue Clearing Pro-Organoid technique is strong enough to adequately clear tissue for 3D fluorescent imaging, but not so harsh as to change the overall tissue morphology. Minimum morphological changes such as shrinkage or contraction have been observed. For precious samples, the clearing can be reversed, and tissue can be processed for histology studies such as H&E staining.

Kit Contents:

- Tissue Clearing Pro-Organoid Reagent
- Antibody Buffer
- Blocking Buffer
- Penetration Buffer
- 10X Wash Buffer
- Getting Started Guide

Storage: Store at room temperature. Once opened, store Tissue Clearing Pro Antibody Buffer, Blocking Buffer, Penetration Buffer, and Washing Buffer 10X at 2–8°C. Store Tissue Clearing Pro-Organoid Reagent at room temperature in a dry environment. Provided storage is as stated above and the vials are kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

Further Information: To learn more about tissue clearing and for a comprehensive workflow please review our [Tissue Clearing Pro-Organoid guidebook](#).

This kit was developed using Visiokol® HISTO™ technology.

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