



Visikol® HISTO-M Starter Kit™

Optical Clearing Reagent Kit

INTRODUCTION

Visikol® HISTO™ is an optical clearing system for 3D tissue cultures enabling rapid and easy visualization of tissues in 3D without altering the underlying cellular morphology. Visikol HISTO is fully compatible with immunostaining as well as many common other common fluorescent labels. Using Visikol HISTO-M with confocal enabled high content imagers allows researchers to see deeper into 3D cultures than ever before.

TYPICAL APPLICATIONS

- Optical clearing agent in tissue imaging studies
- Refractive index matching agent for microscopy
- Clearing organoids, spheroids, microtissues, and small tissue sections

ADVANTAGES

- Easy-to-use tissue clearing modality
- Rapid tissue clearing
- Compatible with immunolabeling
- Clearing is completely reversible with no alteration to tissue

PRODUCTS INCLUDED IN STARTER KIT

- 30 mL Visikol® HISTO-M™
- 30 mL Penetration Buffer
(PBS / 0.2% Triton™ X-100 / 0.3 M glycine / 20% DMSO)
- 70 mL 10X Washing Buffer
(PBS with 2% Tween-20 and 100µg/mL heparin)
- 30 mL Blocking Buffer
(PBS/0.2% Triton™ X-100 /6% donkey serum/10% DMSO)
- 30 mL Antibody Buffer
(PBS/0.2% Tween 20/Heparin/3% donkey serum/5% DMSO)

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