

# Visium Document Resources

## 1 Experimental Design & Planning

Before starting the experiment, refer to these documents for protocol planning, imaging guidelines and slide reset instructions

### Visium Spatial Protocol Planner

Planner  
CG000295

### Imaging Guidelines

Technical Note  
CG000241

### Visium Spatial Slide Reset

Demonstrated Protocol  
CG000332

## 2 Sample Preparation

Tips and best practices for preparing a tissue block and placing sections on Visium slides.

### Tissue Preparation Guide

Demonstrated Protocol  
CG000240

Watch  
Video

## 3 Tissue Optimization

Determine tissue compatibility and identify the optimal tissue permeabilization time for each tissue type.

### Methanol Fixation + H&E Staining

Demonstrated Protocol  
CG000160

Watch  
Video

### Methanol Fixation + Immunofluorescence

Demonstrated Protocol  
CG000312

### Visium Spatial Tissue Optimization

User Guide  
CG000238

Watch  
Video

## 4 Library Construction

After the optimal permeabilization time has been identified, perform library construction and spatial gene expression mapping.

### Methanol Fixation + H&E Staining

Demonstrated Protocol  
CG000160

Watch  
Video

### Methanol Fixation + Immunofluorescence

Demonstrated Protocol  
CG000312

### Visium Spatial Gene Expression

User Guide  
CG000239

Watch  
Video

### Sequencing Metrics & Base Composition

Technical Note  
CG000290

## 5 Targeting (optional)

Target relevant genes in Visium Spatial Gene Expression libraries with Targeted Gene Expression.

### Targeted Gene Expression - Spatial

User Guide  
CG000377