

# Xenium Workflow Document Resources

## 1 Experimental Planning

Before starting, refer to these documents for protocol planning and site preparation for installation.

### Xenium In Situ – Protocol Planner

Review resources and guidelines for Xenium Workflow

**Planner CG000601**

### Xenium Analyzer Site Preparation Survey

Prepare site for Xenium Analyzer installation

**Site Preparation Survey CG000587**

## 2 Tissue & Sample Preparation

Detailed guidance for tissue sectioning and sample preparation.

### Tissue Preparation FPPE

Section FFPE tissue onto Xenium Slides

**Demonstrated Protocol CG000578**

Watch Video

### Tissue Preparation Fresh Frozen

Section FF tissues onto Xenium Slides

**Demonstrated Protocol CG000579**

Watch Video

### Sample Preparation FPPE

Deparaffinize and decrosslink FFPE tissue sections

**Demonstrated Protocol CG000580**

Watch Video

### Sample Preparation Fresh Frozen

Fix and permeabilize FF tissue sections

**Demonstrated Protocol CG000581**

Watch Video

## 3 Assay Workflow

Execute protocol for subcellular, targeted gene expression in prepared tissue sections.

### Probe Hybridization, Ligation & Amplification

For FF and FFPE samples on Xenium slides

**User Guide CG000582**

Watch Video

## 4 Instrument

Instructions for running the Xenium Analyzer.

### Xenium Analyzer

Load Xenium slide onto Xenium Analyzer

**User Guide CG000584**

## 5 Post-Instrument Activities and Data Analysis

Explore Xenium In Situ data using Xenium Explorer software.

### H&E Staining (Optional)

H&E stain post-Xenium run

**Demonstrated Protocol CG000613**

### For Data Analysis:

- [Review Xenium Onboard Analysis pipeline](#)
- [Download Xenium Explorer](#)
- [Try Xenium Explorer Demo](#)
- [Access free, publicly available datasets](#)