

Visium CytAssist Spatial Gene Expression for FFPE Document Resources

1 Experimental Design & Planning

Before starting the experiment, refer to this planner and Technical Note (TN) for protocol planning and imaging guidelines.

Visium CytAssist Spatial Gene Expression for FFPE – Protocol Planner
Planner CG000556 Tested Tissue List

Imaging Guidelines
Optimize imaging settings for downstream workflow
TN CG000521

2 Visium CytAssist Instrument Setup and Instruction

Before starting the experiment, refer to these User Guides (UG) and Quick Reference Card (QRC) for guidance on using the Visium CytAssist instrument.

Instrument Readiness Test
Initial Setup for Visium CytAssist instrument
UG CG000542 Watch Video

Instrument Quick Reference Card
QRC for instrument operation
QRC CG000543

Training Kit
Practice slide loading and alignment
UG CG000549

3 Sample Preparation

This Demonstrated Protocol (DP) contains tips and best practices for preparing a tissue block for sectioning, section placement on blank slides, and performing RNA quality assessment of FFPE tissue blocks or archived tissue slides.

Tissue Preparation Guide
Section tissue onto slides; process archived slides; QC tissue sections
DP CG000518 Watch Video

Tissue Slide Alignment Quick Reference Card
QRC for tissue slide alignment
QRC CG000548

4 Deparaffinization & Staining

Perform deparaffinization, staining & imaging, and decrosslinking on FFPE tissue sections.

Deparaffinization + H&E Staining + Decrosslinking

Deparaffinize, stain, image & decrosslink tissue

DP CG000520

[Watch Video](#)

Tissue Slide Cassette Assembly Quick Reference Card

Assemble Tissue Slide Cassette

QRC CG000577

Deparaffinization + Decrosslinking + IF Staining

Deparaffinize, decrosslink, stain & image tissue

DP CG000519

5 Library Construction

Generate sequencing-ready libraries from FFPE tissue sections utilizing the Visium CytAssist instrument.

Library Construction

Construct Visium CytAssist Spatial Gene Expression - FFPE libraries

UG CG000495

[Watch Video](#)