



Aug 12, 2023

## 10x Protocols: Visium v2 CytAssist FFPE Library Construction -- University of Minnesota TMCs (CG000495 Rev D)

DOI

<https://dx.doi.org/10.17504/protocols.io.3byl4jpzzlo5/v1>

IOx Genomics<sup>1</sup>, Laura J Niedernhofer<sup>2</sup>, David A Bernlohr<sup>2</sup>

<sup>1</sup>IOx Genomics, [info@ioxgenomics.com](mailto:info@ioxgenomics.com); <sup>2</sup>University of Minnesota, Minneapolis, MN USA

Cellular Senescence Net...



Mickayla DuFresne-To

University of Minnesota - Twin Cities

### Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

Create free account

OPEN  ACCESS



**DOI:** <https://dx.doi.org/10.17504/protocols.io.3byl4jpzzlo5/v1>

**Protocol Citation:** IOx Genomics, Laura J Niedernhofer, David A Bernlohr 2023. 10x Protocols: Visium v2 CytAssist FFPE Library Construction -- University of Minnesota TMCs (CG000495 Rev D). **protocols.io**

<https://dx.doi.org/10.17504/protocols.io.3byl4jpzzlo5/v1>



**License:** This is an open access protocol distributed under the terms of the **[Creative Commons Attribution License](#)**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

**Protocol status:** Working

**We use this protocol and it's working**

**Created:** May 18, 2023

**Last Modified:** August 12, 2023

**Protocol Integer ID:** 82017

**Keywords:** 10x, Visium, CytAssist, UMN, UMinnesota, University of Minnesota, Niedernhofer, Bernlohr, FFPE, Spatial, protocols from 10x genomic, visium v2 cytassist ffpe library construction, 10x genomic, visium spatial gene expression v2 chemistry, 10x genomics support website, 10x protocol cg000495, 10x protocol, cytassist component, library construction with cytassist, gene expression, ffpe sample, recent versions of the protocol

**Funders Acknowledgements:**

NIH

Grant ID: 1U54AG07041-01

NIH

Grant ID: 1U54AG079754-01

## Abstract

Protocols from 10x Genomics for Visium Spatial Gene Expression v2 chemistry on FPPE samples **with the CytAssist component**.

**Protocol ID# (CG) and Revision used:**

10x protocol CG000495, **Revision D** -- Library Construction with CytAssist

Note: These protocols may not be the current version offered by 10x Genomics but were used to produce the specific datasets connected to them. Please review the 10x Genomics support website for the most recent versions of the protocols prior to starting your experiment.



1 **10x protocol CG000 495, Revision D (Library construction with CytAssist)**



CG000495\_VisiumCytAssist\_GeneE...

2 **Additional Protocols/Resources**

<https://www.10xgenomics.com/support/spatial-gene-expression-ffpe>