



VERSION 4

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**Protocol status:** Working  
We use this protocol and it's working

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## Visium CytAssist FFPE v4 -- University of Minnesota TMCs V.4

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Cellular Senescence Network (SenNet) Method Development Community

UMN SenNet



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### ABSTRACT

The Visium CytAssist Spatial Gene Expression for FFPE assay is designed to analyze mRNA in tissue sections derived from formalin fixed & paraffin embedded (FFPE) tissue samples. The Visium CytAssist instrument requires a glass slide with intact tissue sections as input.

Tissue sections are processed with Visium Spatial Gene Expression assay performed by the University of Minnesota Imaging Center and sequenced by the University of Minnesota Genomics Center.

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92580


**Funders**  
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## Deparaffinization, H&E Staining, Imaging & Decrosslinking

- 1  CG000520\_Demonstrated\_Protocol\_VisiumCytAssist\_Deparaffin\_H\_E\_RevB.pdf3.1MB

## Library Preparation & Sequencing

- 2  CG000495\_VisiumCytAssist\_GeneExpressionUserGuide\_RevD.pdf31.3MB

### Note

Illumina NovaSeq 6000 with read format 28/10/10/50

## FASTQ Generation

- 3 BCL data from Illumina sequencer is demultiplexed and converted into FASTQ format using bcl2fastq software version 2.20.0