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10x Protocols: Visium Fresh Frozen Tissue Optimization -- University of Minnesota TMCs (CG000238 Rev E)

DOI

<https://dx.doi.org/10.17504/protocols.io.bp2l69qxr1qe/v1>

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Cellular Senescence Net...



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Protocol status: Working

We use this protocol and it's working

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Protocol Integer ID: 81372

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Abstract

Protocols from 10x Genomics for Visium Spatial Gene Expression on Fresh Frozen / OCT samples. Completed without CytAssist component.

1. Version of protocol used:

10x protocol CG000238, **Revision E** -- Tissue optimization required prior to taking tissue through Visium

2. Additional protocols added for guidance:

10x protocol for imaging guidelines (CG000241, Rev D)

10x protocol for tissue preparation guidelines (CG000240, Rev D)

Please note that these protocols may not be the current version offered by 10x Genomics but were used to produce the specific datasets connected to them.



1 **10x protocol CG000238, Revision E (Tissue Optimization):**

 10x FF Visium Spatial Tissue Optimi...

For adipose: Determined Tissue permeabilization time = 15 minutes

2 **Additional protocols/guidelines**

 10x FF Visium Imaging Guidelines CG000241, Rev D

 10x FF Visium Spatial Tissue Prepa... CG000240, Rev D

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