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🌐 10x Protocols: Chromium Nuclei Isolation Kit Sample Prep -- University of Minnesota TMCs (CG000505 Rev A)

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

Created: May 03, 2023

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Protocol Integer ID: 81375

Keywords: Nuclei, University of Minnesota, UMinnesota, UMN, Sample prep, Frozen, Isolation, 10x Genomics, 10x, Single nuclei, snRNAseq, chromium nuclei isolation kit sample prep, nuclei isolation kit by 10x genomic, nuclei isolation kit, 10x genomic, 10x protocol, genomic, 10x cg000505, nuclei, recent versions of the protocol, cg, protocol, 10x, isolation

Abstract

Protocol ID# (CG) and Revision letter provided here:

   10x CG000505, **Revision A** -- Nuclei isolation kit by 10x Genomics

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

Troubleshooting

Safety warnings

> 🛑 Working with human tissue: Personnel will adhere to safe work processes outlined in U.S. Public Health Universal Precautions Guidelines for use of human blood and body fluids.
>
> PPE will be used including lab coat, closed shoes and gloves. All activity will be behind shield of biosafety cabinet and/or with mask and safety glasses. Biosafety level 2 practices will be followed, and the work performed in the designated lab space that is covered by annually updated IBC approved protocol.
>
> All institutional biosafety measures are followed in any manipulation of these human tissues.

Before start

Note: This may not be the most up to date version, just what was used to process samples attached to this DOI. See 10x Genomics for their most up to date revision status prior to attempting.

1   Current Sample prep website: https://www.10xgenomics.com/support/single-cell-gene-expression-flex/documentation/steps/sample-prep/chromium-nuclei-isolation-kit-sample-prep-user-guide

2   📄 FILE 10x Chromium Nuclei Isolation.pdf