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

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# Nuclei Isolation for Human Ovary Explants

Forked from Hybrid protocol for Nuclei Isolation and 10X Genomics Single Cell 5' Gene Expression for Human Ovary Explants

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## DISCLAIMER

This protocol needs prior approval by the users' institutional review board (IRB) or equivalent ethics committee(s).

## ABSTRACT

This protocol uses fresh frozen human ovary explants to isolate nuclei suspension.

## PROTOCOL REFERENCES

The following protocols from 10X Genomics were used for the different steps:

Nuclei Isolation:  CG000505 REV A

## GUIDELINES

This protocol needs prior approval by the users' institutional review board (IRB) or equivalent ethics committee(s).

## MATERIALS

Refers to the various protocol documents for a complete list of the material required.

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# Nuclei Isolation Protocol for Human Ovary Explants

1 Chapter 1—Single Cell Gene Expression & Chromium Fixed RNA Profiling of the protocol CG000505 REV A was used to isolate nuclei from frozen human ovary explants with the following modifications: 1) a cordless motor pestle (VWR, Catalog number 47747-370) was used for Step f, Page 30 and 2) the samples were incubated for 15 min on ice for Step h, Page 30.

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