



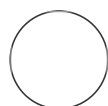
VERSION 1

MAY 13, 2023

NCEM Drop - Tissue Dounce Homogenisation (TM-014) V.1

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ABSTRACT

cell pellet dounce homogenisation

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Protocol status: Working

We use this protocol and it's working

Created: May 13, 2023

Last Modified: May 13, 2023

PROTOCOL integer ID:
81824




HEADER




1 SAN:

SPEC No:

OPERATOR:





Dounce Homogenisation

- 2 1. Remove cells from the flasks by scraping with a disposable plastic scraper and pour into a  10 mL centrifuge tube.
- 3 Pellet the cells in a bench top centrifuge at  2000 rpm  00:02:00 , remove supernatant. 2m
- 4 Resuspend the cells in equal volume TC water and transfer to glass homogeniser tube.
- 5 Insert teflon plunger into cordless drill, set drill on max speed.
- 6 Homogenise(20 strokes) inside Class II BSC cabinet.

- 7 Clarify resultant solution at  13000 rpm in Eppendorf centrifuge for  00:01:00 1m
- 8 Stand for  00:05:00 to permit viruses to diffuse back into solution, from the debris, and provide an interface for the sampling of membrane associated viruses. Use supernatant for sample below. 5m

Conventional

11m

- 9 Adsorb  10 μL sample to grid  00:10:00, inspect to ensure sample does not dry out. 10m
- 10 Drain excess sample from grid using filter paper, leave wet.
- 11 Stain  nano-W Contributed by users Catalog ##2018-5ML  00:01:00 1m
- 12 Drain & dry using filter paper