NCEM Drop - Cell Pellet Dounce Homogenisation (TM-014) V.2

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Protocol status: Working
We use this protocol and it's working
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 for 02:00, remove supernatant.

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.

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.

9. Adsorb 10 µL sample to grid 00:10:00, inspect to ensure sample does not dry out.

10. Drain excess sample from grid using filter paper, leave wet.

11. Stain nano-W Contributed by users Catalog #2018-5ML 00:01:00.
