NCEM Drop - Tissue Dounce Homogenisation (TM-014)

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

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PROTOCOL integer ID: 81823

ABSTRACT

tissue dounce homogenisation

HEADER

1 SAN:

SPEC No:

OPERATOR:

Dounce Homogenisation

2 This method is often used for scabs, warts, or chunks of tissue such as liver. Place ~ 5mm x 5mm piece of scab or tissue into glass homogeniser tube.

3 Insert teflon plunger into cordless drill, set drill on max speed.

4 Add equal volume TC water to tube, homogenise(20 strokes) inside Class II BSC cabinet.

5 Clarify resultant solution at 13000 rpm in Eppendorf centrifuge for 00:01:00 1m

6 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

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

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

9 Stain nano-W **Contributed by users Catalog ##2018-5ML** 00:01:00 1m

10 Drain & dry using filter paper