NCEM Drop - Inactivation of sample in solution (TM-014) V.2

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ABSTRACT

This inactivation procedure is used to inactivate a sample for Biological Transfer out of PC4, proir to Conventional NCEM.

VERSION 2

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

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Inactivation

10m

1 Add 50 µL [M] 16 % volume Paraformaldehyde (formaldehyde) 16% aqueous solution (DG) **ProSciTech Catalog #C004** to a Sarstedt tube with o-ring (STK#:2056-U, Catalog #61226C2).

2 Add 150 µL sample to the Paraformaldehyde (formaldehyde) 16% aqueous solution (DG) **ProSciTech Catalog #C004** already in the tube. Leave contact time 00:10:00

10m

3 Adsorb 10 µL sample to grid 00:10:00 , inspect to ensure sample doesn't dry out.

10m

4 Drain excess sample from grid using fliter paper, leave wet.

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

1m

6 Drain & dry using filter paper