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Version 1

NCEM Drop - Inactivation of sample on grid (TM-014) V.1

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Protocol status: Working

We use this protocol and it's working

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Abstract

NCEM Drop - inactivation of samples on grid

Guidelines

This procedure is used for inactivation of 3Z agents, useful if the virus has low titre.

Protocol materials

⊗ Glutaraldehyde aqueous solution 25% EM Grade ampoules **ProSciTech Catalog #C002**

⊗ nano-W **Catalog ##2018-5ML**



- 1 Adsorb  10 μ L sample to grid  00:10:00 10m
- 2 Immerse grid in drop of  2.5 % volume 10m

 Glutaraldehyde aqueous solution 25% EM Grade ampoules **ProSciTech Catalog #C002**

in  0.1 Molarity (M) Sorenson's phosphate buffer  00:10:00
- 3 Wash  0.1 Molarity (M) Sorenson's phosphate buffer
- 4 Using filter paper wick excess buffer from grid - do not dry out, leave grid surface wet.
- 5 Stain  nano-W **Catalog ##2018-5ML**  00:01:00 1m
- 6 Using filter paper gradually wick stain dry from grid