



Edgewood Chemical Biological Center

Virology Capability of the SBCCOM Microbiology Team

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Virology Capability of the SBCCOM Microbiology Team

- 1. Detection and Identification**
- 2. Viral Persistence Testing**
- 3. Decon Evaluation**



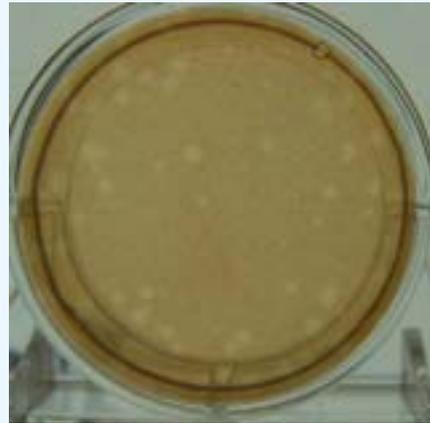
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Virus Detection and Identification

Standard Virus Culture Methods



Unknowns Cultured at BSL-3

BSL-2 Facilities Available

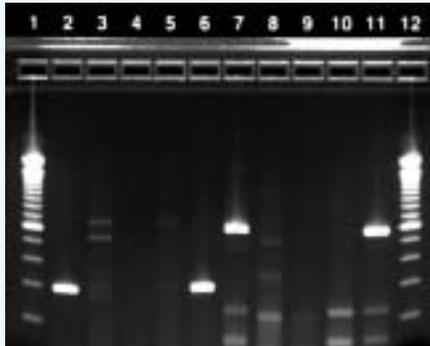


Virus Detection and Identification

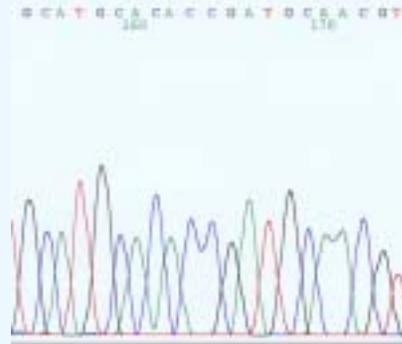
Molecular Methods

Detect and Identify Viral RNA or DNA

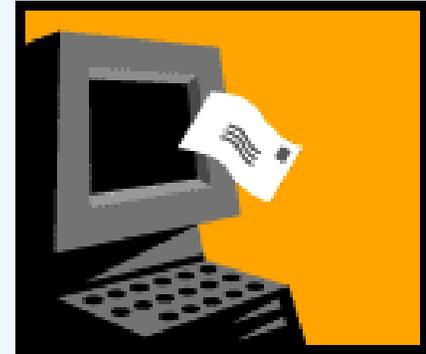
PCR and RT-PCR



Sequence



Computer Sequence Analysis





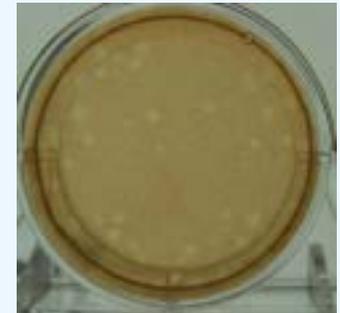
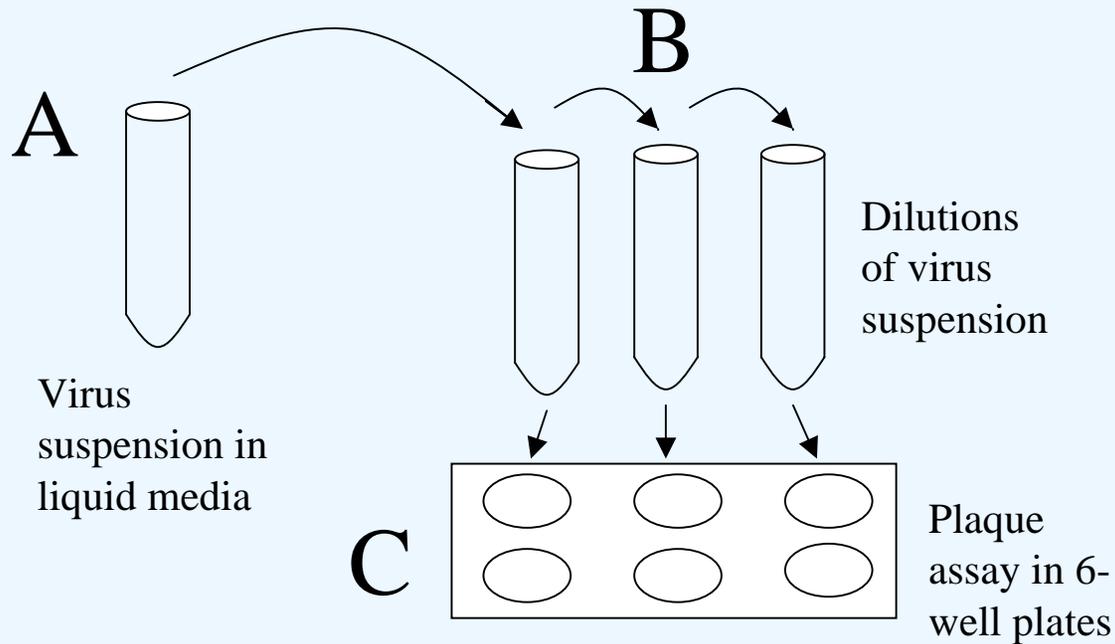
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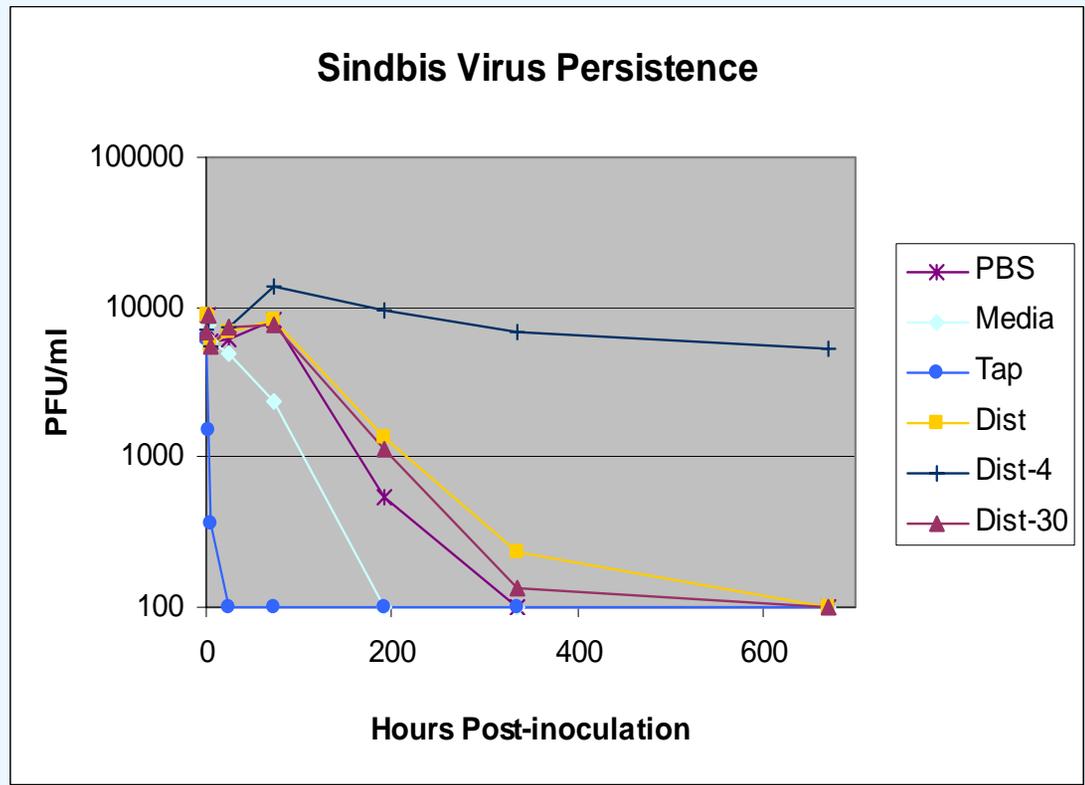
Viral Persistence Testing

BSL-3 and BSL-2 Viruses in Liquid Media or on Surfaces





Viral Persistence Testing





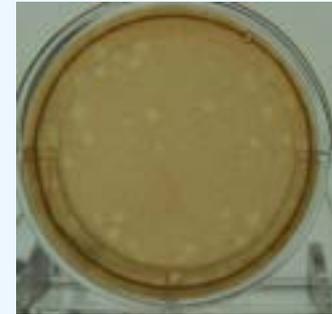
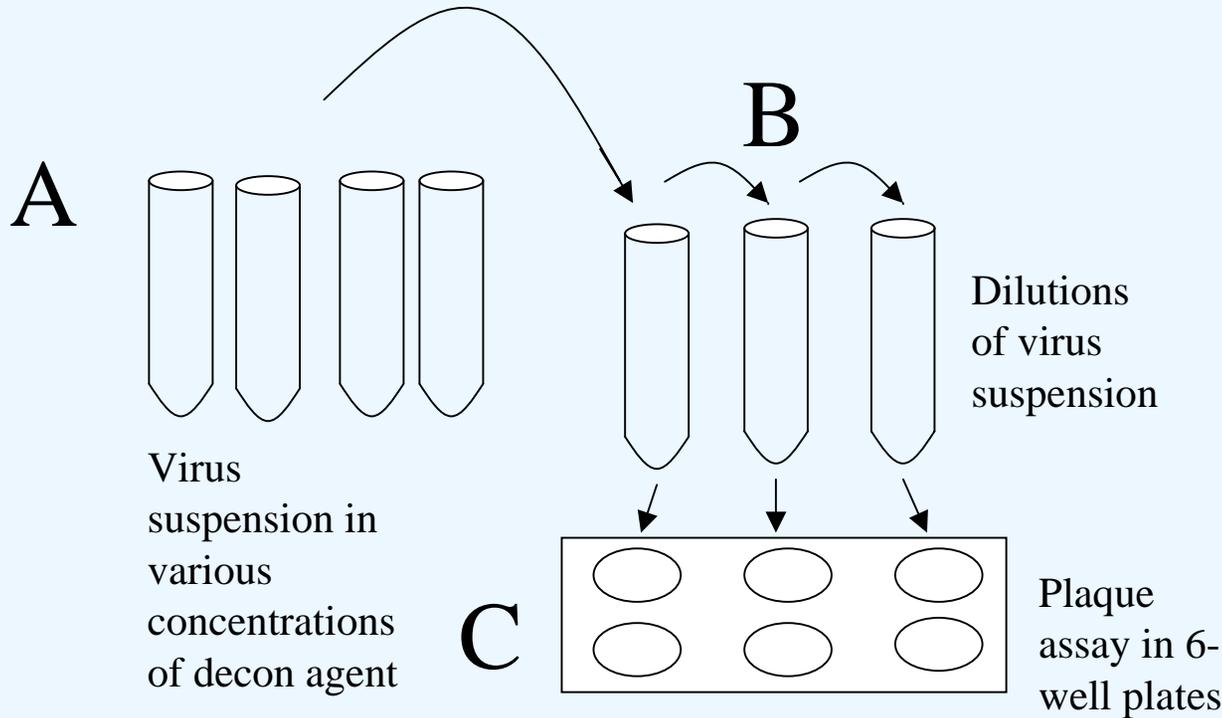
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Decon Testing

Ability of Decon Agents to Inactivate Viruses





Decon Testing

