

# Resource Summary Report

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## HMS NERCE Microbiology and Animal Resources Core

RRID:SCR\_009807

Type: Tool

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### Proper Citation

HMS NERCE Microbiology and Animal Resources Core (RRID:SCR\_009807)

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### Resource Information

**URL:** <http://harvard.eagle-i.net/i/0000012c-c7bd-3029-a061-4a6580000000>

**Proper Citation:** HMS NERCE Microbiology and Animal Resources Core (RRID:SCR\_009807)

**Description:** Core facility that provides the following services: Enzyme-linked immunosorbent spot assay service, Fluorescence microscopy service, Real-time PCR Service.

The NERCE Microbiology and Animal Resources Core maintains two laboratories, a BSL-2 and a BSL-3 laboratory, to support the research efforts of all New England investigators conducting research on NIAID priority pathogens. Each laboratory provides the physical environment, equipment, and support personnel required for scientists to work with these agents. The BSL-3 laboratory is an isolated suite that includes individual laboratory rooms and rooms for housing experimental animals, all within a single containment facility. The BSL-3 lab provides the extensive security and administrative support structure required for possession of CDC select agents. The laboratory acquires strains of viruses and bacteria, prepares seed stocks, and characterizes these seed stocks using phenotypic and molecular methods to ensure a well-characterized, pure biological reagent. Laboratory staff members assist investigators with experiments involving pathogen culture, fractionation of biological material, animal challenge, and vaccine and drug administration. The laboratory is equipped for commonly used analytical methods, including fluorescence microscopy, PCR, EIA, and ELISPOT. A single suite with both laboratory and experimental animal capability eliminates the need to transport infectious material between laboratories. The BSL-2 laboratory provides support required by the BSL-3 facility, access to attenuated strains exempt from select agent registration, and laboratory space for visiting investigators. Investigators interested in working with the Microbiology and Animal Resources core laboratory should complete the Core A Request Form and send it to Christine Anderson. See lab website for details. There are no charges for projects focused on NIAID priority pathogens and agents of emerging infectious disease.

**Resource Type:** access service resource, core facility, service resource

**Keywords:** elispot assay, microscopy, real-time pcr

**Resource Name:** HMS NERCE Microbiology and Animal Resources Core

**Resource ID:** SCR\_009807

**Alternate IDs:** nlx\_156275

**Alternate URLs:** <http://nerce.med.harvard.edu/microanimal.html>

**Record Creation Time:** 20220129T080255+0000

**Record Last Update:** 20260905T133334+0000

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## Ratings and Alerts

No rating or validation information has been found for HMS NERCE Microbiology and Animal Resources Core.

No alerts have been found for HMS NERCE Microbiology and Animal Resources Core.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.