

## Dengue Virus (DENV)

**Hazards:** Dengue Virus is a mosquito borne virus that can cause headaches, nausea, joint and muscle pain, vomiting, diarrhea, and rash. In severe, untreated cases, Dengue virus can cause hemorrhagic fever and liver swelling. Vaccines are in pre-clinical stages.

**Risks:** Transmission occurs through a bite from an infected mosquito or an accidental needle stick. After administration to the animals, the risk of exposure to Dengue Virus from handling the animals during cage change or bedding disposal is low.

**Precautions:** Wear PPE during cage changes (gloves, gown, and booties). Use a biosafety cabinet during cage changes. Follow ABSL-2 procedures for bedding disposal. Wash hands after work.

**Emergency Response:** In the event of an accidental needlestick, stop working, wash the injured area for 15 minutes, tell your supervisor, and report to Occupational Medicine. If you are working in this area and develop symptoms, tell your supervisor and report to Occupational Medicine. Potential exposures and illnesses must be reported to EHRS by your supervisor or manager.