

Adenoviral Vector

Hazards: Adenoviral Vectors are viruses that can infect human cells but cannot replicate. This makes them a good tool for gene therapy research. Exposure to adenovirus can cause bronchitis, sore throat, fever, diarrhea, and pink eye. Infection may be more severe in the young and immunocompromised.

Risks: Animals may shed or excrete adenovirus after administration. Exposure may occur through inhalation, direct contact with the nose, eyes or mouth, a cut or needle stick, and/or ingestion of contaminated bedding. The greatest risk of exposure is during cage changes.

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.