

ADENOVIRUS PRODUCTION

The Redox Molecular Signaling Core utilizes a E1 and E3 gene deleted recombinant adeno system to produce crude Adenovirus preparations in cell culture supernatant. To initiate Adenovirus Production, contact the Redox Molecular Signaling core facility at RedoxMolSignalCore@lsuhsc.edu and schedule a meeting with Core Leaders to discuss the project timeline and deliverables.

To be provided by investigator:

- Completed Work Order Form brought to the meeting with Core Leaders.
- Adenoviral vector containing construct to be expressed. At least 10 µg of DNA should be provided at a concentration greater than or equal to 0.5 µg/µl.
- Vector map if available.

To be generated by the core:

- Cell culture supernatant with adenoviral particles. Approximate viral titer. Average adenoviral particle concentrations range from 10^8 - 10^{10} pfu per mL.

Timeline: 6-8 weeks