



BIOLOGICS SOLUTIONS

Viral Vectors (AAV, LVV, AdV, and RVV) Contract Development and Manufacturing Services and Products

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Questions for our specialists?
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Related Services

- [Plasmid DNA CDMO Services](#)
- [Plasmid and Viral Vector Products](#)
- [Viral Vector Packaging Services](#)
- [Molecular Cloning Services](#)
- [Cell Therapy CDMO Services](#)

Contact Us

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We offer viral vector CDMO solutions with facilities in the US, providing products and services from early discovery through commercialization including viral vector manufacturing, molecular cloning, and viral vector packaging in support of AAV, LVV, AdV, and RVV. Our track record in manufacturing products helps to ensure our customers' virus programs are delivered in a cost effective and timely manner.

Available Services

Vectors Supported

- Adeno-associated virus (AAV)
- Lentivirus (LVV)
- Adenovirus (AdV)
- Retrovirus (RVV)

Analytical Development and Qualification

- Assay transfer
- Stability studies: drug substance and drug product
- Cleaning validation
- Raw material testing
- Shipping studies
- Product characterization
- QC release testing

Process Development and Scale Up

- Development of robust and scaleable process strategies
- Media development and optimization (animal component free)
- Adaptation to suspension-based growth
- Development of closed processing systems
- Transfection efficiency optimization

- Optimization of harvest parameters (MOI and POI)
- Purification by low pressure chromatography

GMP Manufacturing

- Master cell bank and working cell bank production
- Master viral seed stock and working viral seed stock production
- Clinical manufacture of drug substance and drug product

Complementary Plasmid DNA Manufacturing

- Research grade DNA
- High Quality grade DNA
- GMP grade DNA
- Off-the-shelf HQ viral vector packaging plasmid

Project Management

- Dedicated project manager
- Cross-functional project teams
- Detailed timeline planning and milestone tracking
- Regular process updates
- Risk management

EVERY STEP OF THE WAY