

## Virus Production Workflow – **Centrifugation Highlights**















**Produce** Harvest Isolate Lyse Clear Purify Characterize



Preparation of production cell line



Preparation of plasmid DNA

Maintain and separate live and dead cells in a temperature controlled environment



**Transformation** 



Viral Amplification





Isolate clean and high number of DNA copies



Test viral expression

~ 4 days









Large Scale Production

~ 5 days







Virus purification

~ 2 days



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