



# A world-class viral vector CDMO with unique in-house analytical capabilities and experience

## Analytical Capabilities Overview



### Safety

- Sterility\*
- Mycoplasma\*
- Endotoxin\*
- Replication Competent Lentivirus Assay\*
- In-Vitro Virus Assay\*
- SARS-CoV-2



### Purity

- Residual Host Cell DNA
- Residual Benzonase
- Residual Plasmid DNA
- Residual Host Cell Protein
- Residual BSA by ELISA\*
- Residual Transfection Agent\*
- Residual Tat Sequence by qPCR\*
- Transfer of EIA and SV40 DNA (293T cells only)\*



### Potency

- Physical titer
- Infectious titer (per Client)



### Compendial

- Appearance, pH, Osmolality

\* in development



### Cell Line & Assay Testing

We offer rapid delivery of GMP cell line testing for your lentiviral and retroviral products, including extended and qPCR-based replication-competent lentiviruses (RCL) assays.

With over a decade of experience, our team collaborates with you to develop, qualify, and validate the tailored analytical tests necessary to your vector's development and production phase.

### Genezen is hiring!

- Business Development
- Scientists
- Quality

Visit [genezen.com/careers/](https://www.genezen.com/careers/) to learn more

### Explore our vacancies:



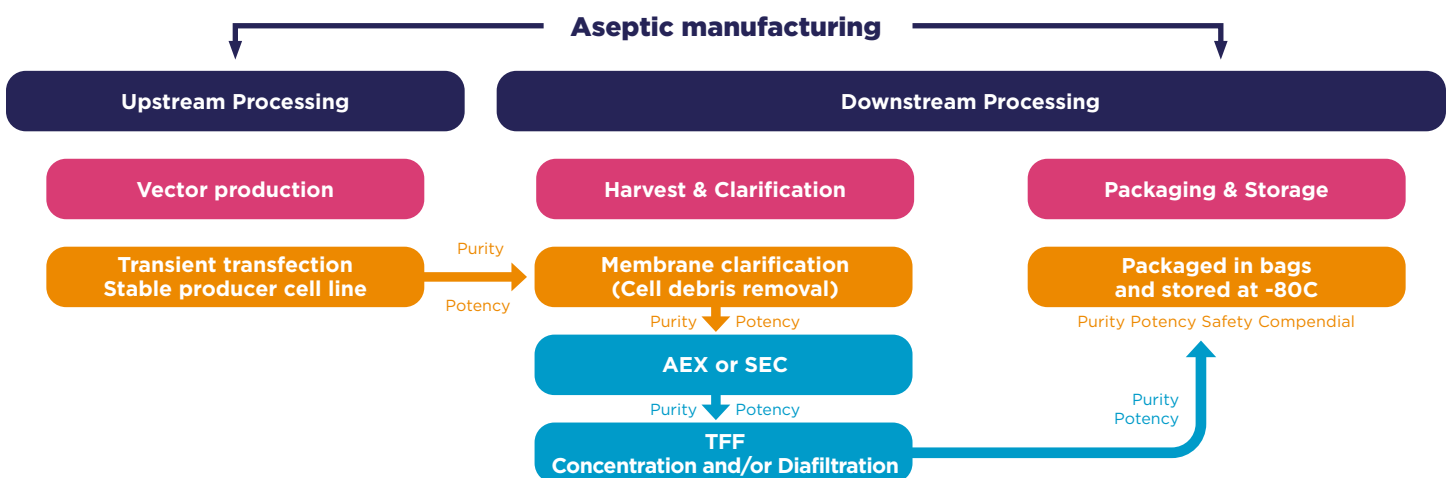
### Get in touch:



## IN-HOUSE CAPABILITIES WITH SPECIFICATIONS

Safety	Specification
RCL	No RCL Detected
Purity	
Residual Host Cell DNA	Report Results
Residual Benzonase	Report Results
Residual Plasmid DNA	Report Results
Residual Host Cell Protein	Report Results
Potency	
Physical titer: <i>P24/RNA genomic titers</i>	Report Results
Infectious titer (per Client)	Report Results
Compendial	
Appearance, PH, Osmolality	Report Results

## General vector flow (Phase I & II clinical trials)



## Why partner with Genezen?



### Production Capacity & Scalability

Time is of the essence when manufacturing viral vectors. We are continuously expanding to provide the essential and phased capacity that our customers need, with scalability in mind.



### Reduced Batch Release Time

Everything we do is focused on accelerating your therapy to market. Our in-house release testing capabilities will help you move forward with speed and confidence.



### Experienced Team

With our talented experts and the added value of partner institutions, we provide the essential experience to support your vector production.

## Contact

For more information on our services, contact us at [info@genezen.com](mailto:info@genezen.com) or visit our website [www.genezen.com](http://www.genezen.com)

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## Get in touch:

