

LentiStable™

High-titre stable producer cell lines



Why choose Oxford Biomedica for your stable producer cell line development?

High performing:

- ✓ Generates clones with high titres

Scalable:

- ✓ Produces large amounts of vector over extended periods

Reproducible:

- ✓ Eliminates variability of transient transfection processes

Fast:

- ✓ Automation drastically increases throughput to identify best clones

Economical:

- ✓ Saves cost of plasmids and transfection reagents

Ready-to-go:

- ✓ GMP compliant cell line



Experience

25+ years' experience including 15 years developing stable cell lines



Innovation

Unique technologies enabling the development of any producer cell line



Performance

Access relevant data on cell line performance in a scalable perfusion process



Success

Producer cell line capabilities exemplified at 50L scale (batch process)

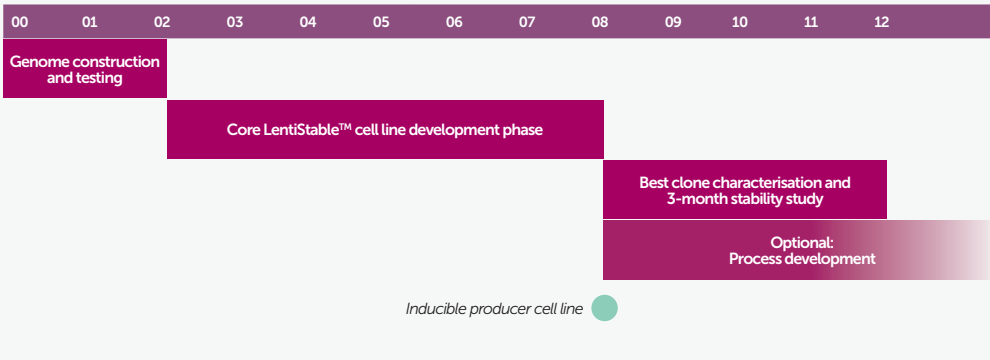


In demand

Multiple on-going PCL programmes (for pharma and biotech companies)

Our expert team can design and generate your producer cell line (PCL) in < 8 months

Timeline (months)

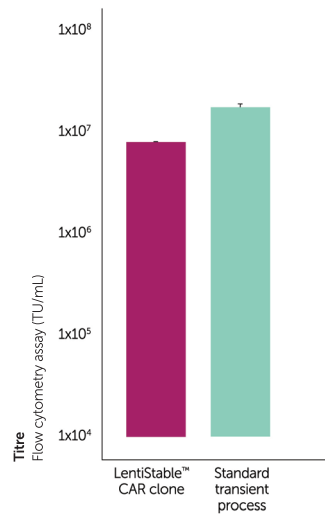


Accelerated development timelines

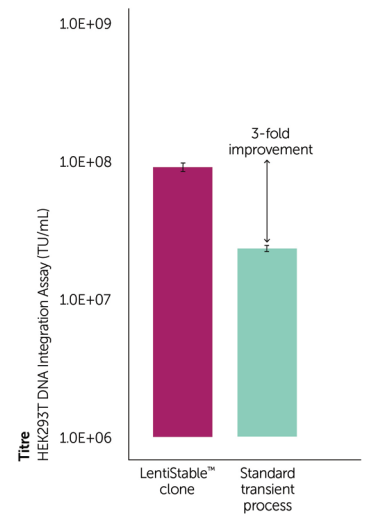
- ✓ Automated stable cell line development enables the screening of >1,000 clones in a shorter timeframe
- ✓ Core cell line development phase delivers high-titre PCLs in 6 months

High-titre producer cell lines for any transgene

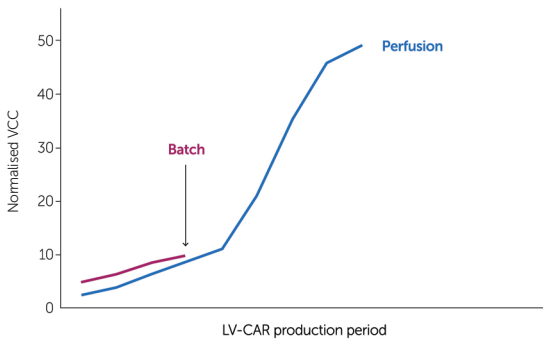
- ✓ Development of PCLs previously unachievable due to the expression of inhibitory transgenes
- ✓ Multiple LV-CAR PCLs successfully generated



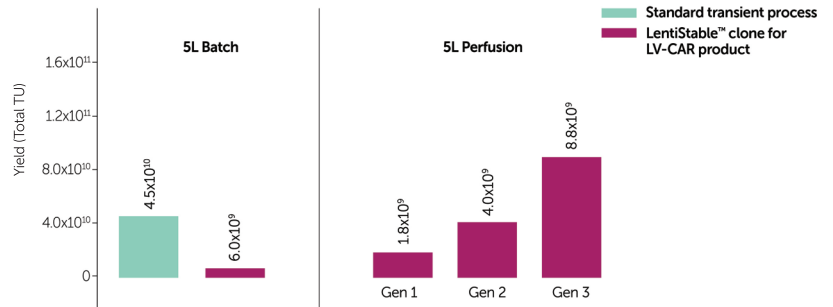
Therapeutic LV CAR produced



Therapeutic LV produced



Cell growth profiles



Therapeutic LV CAR produced (USP yield)

Scalable perfusion based process

- ✓ Perfusion process allows continuous harvest at higher cell densities
- ✓ Up to 14-fold titre increase compared to batch process



Available at
Oxford Biomedica

Off-the-shelf LentiStable™ packaging cell lines and custom LentiStable™ producer cell lines

LentiStable™

We are a quality and innovation-led CDMO with over 25 years of experience, committed to helping our clients deliver cell and gene therapies that transform patients' lives.

We offer end-to-end capabilities, from plasmid design and optimisation, to clinical and commercial CGMP manufacturing, accompanied by robust control systems, analytical methods and deep regulatory knowledge.

Let's do something life-changing together

For more information please contact:

Oxford Biomedica
+44 (0) 1865 783 000
www.oxb.com

partnering@oxb.com