

IVANO Bioscience is dedicated to developing advanced bio-tools for laboratories.

Our proprietary production platforms provide highly validated, high-performance pseudoviruses (3rd generation lentivirus) and kits that enable scientists to rapidly assess the efficacy of their solutions in BSL-1 or 2 facilities.

PSEUDOVIRUSES AND CUSTOM DEVELOPMENT SERVICES



Custom Production Service

Multiple production conditions, harvest and scale-up strategies are evaluated with the objective of achieving a pseudovirus titer enabling a signal-to-background ratio between 10^2 and 10^3 using 1–10 μ L/well (96-well plate). While our development process is optimized to maximize the likelihood of success, final performance cannot be guaranteed due to the inherent biological challenges associated with each project.

1 FEASIBILITY STUDY

- Identification of production & harvest
- Scale-up testing



Deliverables: Development report & ~1 mL of pseudovirus



Turnaround time: 6 - 8 weeks

2 PRODUCTION

- Production volume in accordance with your need



Deliverables: Pseudovirus & QC report for infection and neutralization



Turnaround time: 2- 3 weeks



Additional mL are eligible for **20% discount** off the regular price



Catalog of Pseudoviruses

Freshly produced upon order and lot-validated for infection and neutralization.

Turnaround time: 2–3 weeks



SARS-CoV-2

- D614G
- Alpha (B.1.1.7)
- Beta (B.1.351)
- Delta (B.1.617.2)
- Omicron: BA.1, LP.8.1, KP.3.1.1, JN.1



Influenza

- H7 - A/Shanghai/4664T/2013 (H7N9)
- H5 - A/VietNam/1194/2004 (H5N1)
- H3 - A/Hong Kong/1/1968 (H3N2)



Ebola

- Bundibugyo
- Zaire
- Sudan



Lassa

- Mouse/Sierra Leone/Josiah/1976



COMING SOON

- RVF – ZH-548
- NiV – Bangladesh
- RABV – CVS-11
- CHIKV – Indian Ocean
- H1 – Puerto Rico/8/1934
- H1 – England/195/2009
- RSV



Advantages



Capacity: Get a signal-to-background ratio of 10^3 using 1 – 2 μ L per well in a 96-well plate (500 – 1,000 reaction/mL), according to IVANO's lab conditions



Reporter system: Luciferase (other system on demand)



Scalable volume: 100 μ L, 1 mL, 5 mL, 10 mL and more



Functional validation: lot-to-lot QC report of infection and neutralization



Safety: Replication-incompetent, non-toxic, handle in **BSL-2** facilities



Let's discuss your
pseudovirus needs



Email
info@ivanobioscience.com



Website
www.ivanobioscience.com