

Product Description

Expression Systems is pleased to offer baculovirus titrating services to help our customers maximize expression and reproducibility. Accurate titrating of recombinant baculovirus is an important step in protein production optimization. A high throughput, flow cytometric assay is utilized to quantitate infectious baculovirus particles produced in insect cell culture, allowing for accurate virus titer determination in less than 24 hours. The assay detects the cell surface expression of gp64 after a short incubation allowing for a single round of infection. Virus infected cells are then assessed by flow cytometric analysis for gp64 expression.

Baculovirus titrating is routinely set up on Wednesdays with data delivery Thursday afternoon PST. Samples should be received by noon Wednesday to be set up that week.

How much virus do I need to ship?

We prefer 1.0 mL but can run the assay with 0.5 mL. If necessary, we can run the assay with as little 200 µL, but this requires advance notice.

How do I need to ship my virus samples?

Samples must be sterile and should ideally be packaged in cryovials or other small screw cap tubes. Eppendorf tubes and 15 mL conical tubes are not appropriate (we have experienced cracking of 15 mL conical tubes during shipment).

Samples should NOT be frozen, but should be shipped overnight on cold packs. For customers that would like to submit more than 10 samples, we request advance notice (for instance the Monday before they ship).

How do I place an order?

1. Send a Purchase Order to orders@expressionsystems.com or fax your PO to 530.747.2034. Credit card payments can be made by calling 530.747.2035
2. Email the titer service request form to titering@expressionsystems.com and include a hard copy of the form with your titrating samples.
3. Send your titrating samples on cold pack to:

Attention: Titering Service
Expression Systems
2537 2nd Street
Davis CA 95618
Phone: 530-747-2035

Titer data will be emailed to you Thursday afternoon PST for samples received by noon on Wednesday each week. If you would like a price quote, please email sales@expressionsystems.com