

Solentim InstiSHAKE™ CHO

Description

InstiSHAKE™ CHO is an animal component free cell culture supplement designed for use with suspension CHO cells. InstiSHAKE CHO supports suspension CHO cell growth during transition from static to shaking culture conditions when added to cell culture media. InstiSHAKE CHO consists of two components; Solution A (25x concentrate) and Solution B (100x concentrate). Both should be diluted to a final concentration of 1x in cell culture media.

Features & Benefits

- **Improved Cell Growth:** Supports cells during the freeze/thaw cycle
- **Ready to Use:** Fully optimized supplement, no requirement for optimization

Data

To evaluate the benefits of InstiSHAKE CHO, following single cell seeding and expansion to 24 well static culture, an evaluation was conducted to adapt mAb expressing CHO clones to shaking culture. 48 clones were expanded from 24 well static to 50mL bioreactors using a proprietary selection medium (glutamine-free) supplemented with and without InstiSHAKE CHO; 24 clones for each condition. The number of clones which were successfully adapted to 50mL bioreactors was assessed, in addition to the amount of time taken for clones to reach a viable cell density (VCD) of 3×10^6 cells/mL, and viability >85%.

Storage & Handling

- Store at 2 - 8°C
- Shelf life: 18 months

Quality Control Testing

Certificates of analysis can be found on our website in the following location: www.aicompanies.com/support/certificates-of-analysis

Testing performed on each batch:

- Sterility testing (bacterial & fungal)
- Mycoplasma Testing

24 Static to 50mL Mini Bioreactor

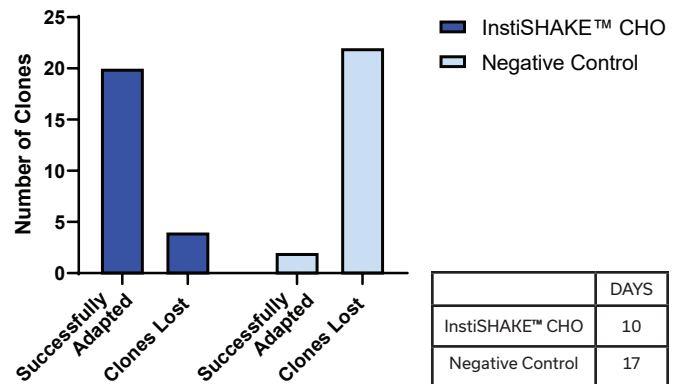


Figure 1.

Shows the number of clones which were successfully adapted from 24 well static to 50mL bioreactors with and without InstiSHAKE CHO. The time following expansion for clones to reach a VCD of 3×10^6 cells/mL, and viability >85% is also reported in days.

Product Information

Part Number	Part Name	Product Details
RS-2125	InstiSHAKE™ CHO	Solution A (20mL) and Solution B (5mL)

Intended Use

FOR RESEARCH USE ONLY. NOT INTENDED FOR HUMAN OR ANIMAL DIAGNOSTIC OR THERAPEUTIC USE.

Resources

A Discussion About Cell Growth Supplements: www.aicompanies.com/education-training/webinars/a-discussion-about-cell-growth-supplements/