

Solentim InstiGRO™ CHO PLUS

Description

InstiGRO™ CHO PLUS is an animal component free cell culture supplement designed to enhance growth and improve cloning efficiency of suspension CHO cells in liquid or semi-solid media. InstiGRO CHO PLUS is supplied as a 20x concentrated solution which should be diluted to a final concentration of 1-1.5x depending on the application.

Features & Benefits

- **Improved Cloning Efficiency:** Increases single cell survival and therefore enhances productivity of the CLD workflow
- **Optical Clarity:** Does not introduce debris into the well therefore suited for single cell imaging
- **Ready to Use:** Fully optimized supplement, no requirement for optimization
- **Easy to Use:** Simply add to your cloning media before single cell dispensing

Data

7 CHO cell lines expressing monoclonal antibodies (mAbs) were single cell seeded (via limiting dilution) into 384 well plates containing CD CHO medium supplemented with InstiGRO CHO PLUS and CD CHO medium only as a negative control. 128 wells were seeded per condition and the number of colonies which grew after 14 days were counted.

Single Cell Seeding with InstiGRO™ CHO PLUS

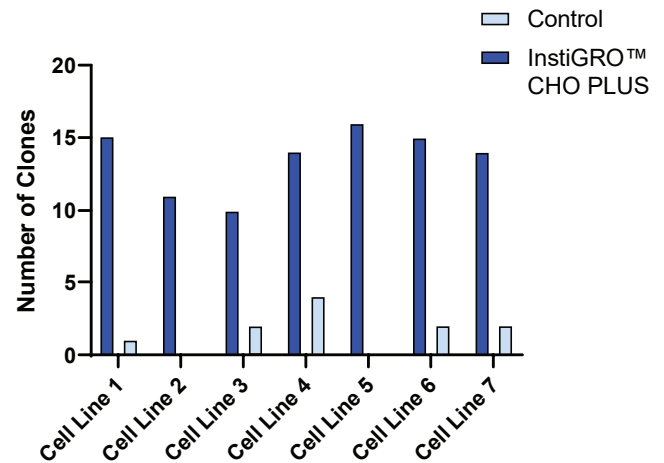


Figure 1. Shows the number of colonies which grew from 128 wells seeded following limiting dilution with InstiGRO CHO PLUS. The control reflects the number of colonies following seeding with CD CHO medium alone.

Product Information

Part Number	Part Name	Product Size (mL)
RS-1205	InstiGRO™ CHO PLUS	5mL
RS-1225	InstiGRO™ CHO PLUS	25mL

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
- Functional Growth Testing

Intended Use

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

Resources

Single Cell Seeding Conditions for Improved Colony Outgrowth: www.aicompanies.com/education-training/app-notes-and-whitepapers/single-cell-seeding-conditions-for-improved-colony-outgrowth/

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