

Solentim InstiGRO™ HEK

Description

InstiGRO™ HEK is a chemically defined, animal component free, cell culture supplement designed to enhance growth and improve cloning efficiency of suspension HEK cells in liquid or semi-solid media. InstiGRO HEK 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 Cell Growth:** Increases single cell survival.
- **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

Expi293F™ (Gibco), HEK293, and 293T cells were single cell seeded (using VIPS™ instrument) into 5 x 96 well plates containing their appropriate growth mediums with InstiGRO HEK. 5 x 96 well plates containing conditioned media were also seeded to compare the rate of clonal outgrowth. After 14 days, clonal outgrowth analysis was performed.

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

InstiGRO™ HEK versus Conditioned Medium

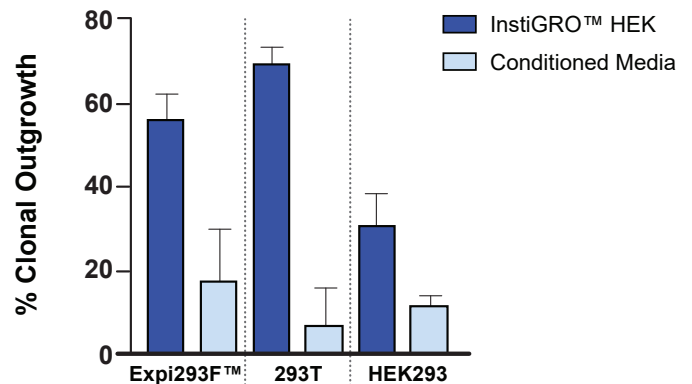


Figure 1.

Shows the average percentage clonal outgrowth per plate following VIPS seeding with InstiGRO HEK and conditioned medium. Error bars show the standard deviation between the number of clonal colonies per plate.

Product Information

Part Number	Part Name	Product Size (mL)
RS-1305	InstiGRO™ HEK	5mL
RS-1325	InstiGRO™ HEK	25mL

Intended Use

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

Resources

Improved Outgrowth for HEK 293 Cell Line Development: www.aicompanies.com/education-training/app-notes-and-whitepapers/improved-outgrowth-for-hek-293-cell-line-development/

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