

Solentim InstiSHAKE™ HEK

Description

InstiSHAKE HEK is a chemically defined, animal component free, cell culture supplement which is designed to support the viability and viable cell density of suspension HEK293 cell lines. The supplement can be used to support expansion of cells to shaking culture vessels, and to nurture the health of cells in bulk culture. InstiSHAKE HEK is supplied as a 20x concentrated stock solution which should be diluted to a final concentration of 1x in cell culture medium.

Features & Benefits

- **Supports clonal expansion:** Protects cells as they transition from static to shaking culture vessels, enabling scalable manufacture
- **Heightens health of bulk cultures:** Nurtures the viability and viable cell density of cells in shaking culture vessels.
- **Easy to Use:** Simply add to your cell culture medium.

Data

To evaluate the benefits of InstiSHAKE HEK, 48 clones were expanded from 24 well static to 50mL bioreactors. 24 clones were expanded in proprietary medium supplemented with InstiSHAKE HEK, while the remaining 24 clones were expanded in proprietary medium alone.

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

Figure 1.

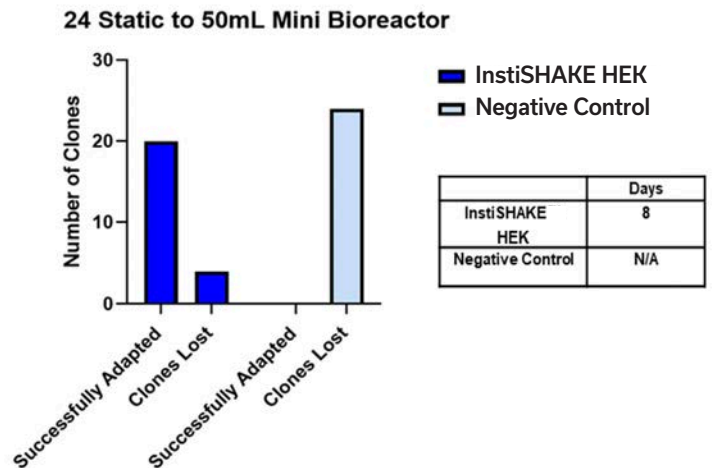


Figure 1.

Shows the number of clones which were successfully adapted from 24 well static to 50mL bioreactors with and without InstiSHAKE HEK. 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 Size (mL)
RS-2325	InstiSHAKE HEK	25mL

Intended Use

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

Resources

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