

InstiGRO™ HEK Supplement

Product Code: RS-1305, 5mL vial / RS-1325, 25mL vial

Description

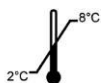
InstiGRO™ HEK is a chemically defined, animal component free, cell culture supplement designed to enhance growth and improve cloning efficiency of suspension HEK cells in liquid or semi-solid medium. InstiGRO HEK is supplied as a 20x concentrated stock solution which should be diluted to a final concentration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

Intended Use

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

Storage Conditions

Store at 2-8°C. Do not freeze.



Shelf-Life Information

InstiGRO HEK is stable for 18 months from the date of manufacture (see Certificate of Analysis on our website - <https://www.aicompanies.com/support/certificates-of-analysis/>).

Directions for Use

At 37°C precipitate may sometimes be observed; however, this will not affect the reagents performance. For applications where optical clarity is important, we recommend filtering the product (0.2µm) prior to use.

Routine Cell Culture:

1. Gently invert the vial of InstiGRO HEK several times (do not shake) prior to use.
2. Prepare base cell culture media in accordance with in-house practices.
3. Add InstiGRO HEK stock solution to the cell culture medium to achieve a final concentration of 1-1.5x. Example: To achieve a final concentration of 1x, add 5ml InstiGRO HEK stock to 95ml of cell culture medium.

Single Cell Cloning and Clonal Expansion:

1. Gently invert the vial of InstiGRO HEK several times (do not shake) prior to use.
2. Prepare base cell culture media in accordance with in-house practices.
3. Prime cells in advance of single cell cloning by incubating in medium containing 1x InstiGRO HEK for 4 to 24 hours (the supplement can be added directly to the culture flask).
4. For single cell cloning, filter InstiGRO HEK stock using a 0.2µm filter before adding to the cell culture medium to a final concentration of 1x.
5. For expansion of selected clones, InstiGRO HEK stock should be added to cell culture medium to give a final concentration of 1.25x - 1.5x. Example: For 1.25x, add 5ml InstiGRO HEK stock to 75ml of cell culture medium.