

Solentim InstiTHAW™ HEK

Description

InstiTHAW™ HEK is a chemically defined, animal component free, cell supplement designed to minimise stress during the cryopreservation procedure and enhance growth of suspension HEK cells post revival. InstiTHAW HEK supplement is supplied as a 20x concentrated solution which should be diluted to a final concentration of 2x for use in cryopreservation, and 1x to support cells during revival.

Features & Benefits

- **Improved Cell Growth:** Supports cells during the freeze/thaw cycle and enhances growth post thawing
- **Ready to Use:** Fully optimized supplement, no requirement for optimization
- **Easy to Use:** Just add to your freezing and thawing cell culture media

Data

FreeStyle™ 293-F cell line (Gibco) was cryopreserved at 1×10^6 cells/mL under the following conditions:

- FreeStyle 293 expression medium supplemented with 10% DMSO, and InstiTHAW HEK
- FreeStyle 293 expression medium supplemented with 10% DMSO

Following cryopreservation, the cells were revived under the following conditions:

- FreeStyle 293 expression medium supplemented with InstiTHAW HEK
- FreeStyle 293 expression medium

The viability (%) and viable cell density (cells/mL) of the cells cryopreserved and revived under the various conditions were assessed using a Countess Automated Cell Counter (Invitrogen) on day 6 post-revival.

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

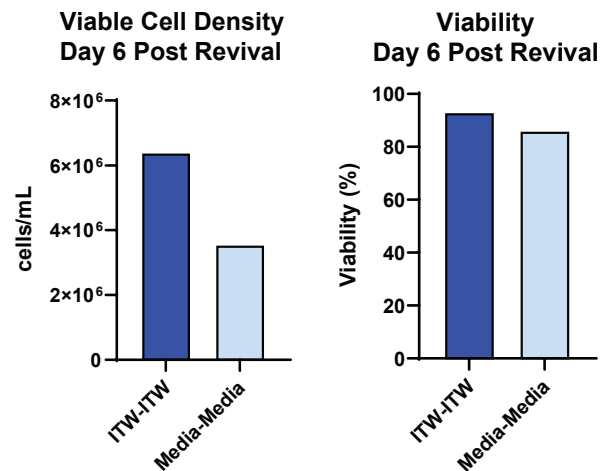


Figure 1. Shows the viable cell density (cells/mL) and viability (%) of the FreeStyle™ 293-F cells day 6 post revival.

Key:

ITW-ITW:	Cryopreserved with InstiTHAW™ HEK, revived into medium with InstiTHAW™ HEK
Media-Media:	Cryopreserved following SOP, revived into medium alone

Product Information

Part Number	Part Name	Product Size (mL)
RS-3305	InstiTHAW™ HEK	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/