


RECOMMENDED FOR:

HIT Serum Substitute has been developed for use in applications where a culture medium of defined composition is required. It contains only human-derived or recombinant human proteins. This product contains pre-tested batches of human serum albumin, insulin and transferrin (HIT) in Iscove's MDM. It can be used to prepare serum-free media formulations, with the addition of desired cytokines and supplements, for the culture of human hematopoietic progenitors.

Product Information Sheet



**HIT
Serum
Substitute
(5X)**

Version 1.0.0

Catalog #09550 100 mL/bottle

PRODUCT DESCRIPTION:

5X Solution Containing:
Human Serum Albumin
rh Insulin
Human Transferrin (Iron-Saturated)*
Iscove's MDM

**Human transferrin used in this product has been derived from human plasma. Venous blood of each donor has been tested for hepatitis B surface antigen (HBsAg) and anti-HIV-1 and/or HIV-1 antigen. However, this product should be considered potentially infectious and treated in accordance with universal handling precautions.*

This product contains biological reagents, and as such cannot be completely characterized or quantified. Some variability is unavoidable.

This product is aseptically manufactured using tightly controlled processes and pre-screened components, and is sterility tested.

STABILITY AND STORAGE:

Product stable at -20°C until expiry date as indicated on label. Stable for 1 month at 2-8°C.

It is recommended that the product be thawed, mixed well and aliquoted into smaller volumes. These aliquots should be stored at -20°C until use. *Avoid freezing and thawing repeatedly.*

DIRECTIONS FOR USE:

It is recommended that HIT Serum Substitute be used at a final concentration of 20% (i.e. dilute 5-fold in desired medium).

Example: Use 20 mL of HIT Serum Substitute, plus desired supplements, in a total medium volume of 100 mL.

See Material Safety Data Sheet for more information.

**FOR RESEARCH USE ONLY.
NOT FOR THERAPEUTIC OR DIAGNOSTIC USE.**

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