ATCC

Product Sheet

ITS Solution (Insulin, Transferrin, Selenious Acid) (ATCC® 30-2606™)

Please read this FIRST

Storage Temp.
Store medium at 2°C to 8°C. Do not freeze.

Biosafety Level
*

Description

Product Description:
Insulin, Transferrin and Selenious Acid (ITS) have been demonstrated to improve performance in serum-free media. Insulin promotes the uptake of glucose and amino acids. Transferrin is an iron-transport protein, and with selenious acid, supplies essential trace elements normally provided by serum. ITS Solution is free of animal origin.
Volume: 10 mL

Directions for Use

Aseptically add 5 mL ITS Solution per 500 mL of medium.

Formulation (100X)

Component	mg/L
Selenious Acid	0.67
Insulin, human recombinant	1000
Transferrin, human recombinant	550

Quality Control Specifications
Sterility tests are performed on each lot using current USP methods. pH, osmolality, and mycoplasma tests are also performed as indicated below.

Test*	Specification
pH	2.6 to 3.4
Osmolality	2 to 6 mOsm/kg H_2O
Sterility Testing	Pass
Mycoplasma	Negative

*Please consult the Certificate of Analysis for lot-specific test results.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor

Additional information on this culture is available on the ATCC web site at www.atcc.org.
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