Data Sheet

ITSE+A Animal-Free™

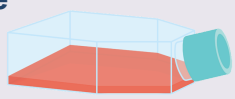
Blood-free Cell Culture Media Supplement

Animal-Origin-Free Supplement with Albumin

ITSE+A Animal-Free is a chemically defined, animal-origin-free supplement designed to enhance cell growth, metabolism, and viability in mammalian cells. It combines ITS with ethanolamine and recombinant albumin to provide essential nutrients for membrane stability, protein transport, and optimal cell performance in serum-free culture. Manufactured in a cGMP & ISO 9001 facility, ITSE+A ensures batch consistency between each lot.

Applications

- **Cell & Gene Therapy**
- **Animal-Origin-Free Cell Culture**
- **Stem Cell Expansion**
- **Bioprocessing & Fermentation**
- **Diagnostics & Reagents**
- **Antibody Production**



Specifications

Composition	rh-Insulin – 1.00 g/L rh-Transferrin – 0.55 g/L Selenium – 0.00067 g/L Ethanolamine – 0.20 g/L rh-Albumin – 20.00 g/L
Format	Frozen
Concentration	100x sterile concentrate
Shelf Life	2 years
Regulatory Compliance	cGMP, ISO 9001
Packaging	10 mL, 100 mL, & 1 L bottles
Storage	-20°C

- **Remove or reduce FBS / human AB serum** – Offers recombinant alternatives to human and animal-components.
- **IgG-Free formulation** – Simplifies downstream purification & reduces processing complexity.
- **Broad compatible** – Optimized for sensitive cell lines requiring protein stabilization T, NK, HEK, VERO, Fibroblasts, iPSC, MSC, HSC, and others.
- **Supports cell metabolism** – Delivers critical components for improved nutrient uptake and energy balance.
- **Performance benefits** – Promotes favorable phenotype and improves transduction efficiency.

ITSE+A

SCAN ME

Try ITSE+A AF Today!

www.invitria.com/itsea-af

Data Sheet

ITSE+A Animal-Free

Blood-free Cell Culture Media Supplement

InVitria's Commitment to Quality & Innovation

Recombinant, chemically defined solutions – Enhances consistency, purity, and performance in biomanufacturing.

Animal-origin-free – Eliminates plasma-derived risks for safer, more reliable formulations.

Lot-to-lot consistency – Ensures reproducibility and reliability by minimizing variability between production batches.

Scalable, reliable supply chain – Ensures secure global availability with high-volume production capacity.

ISO 9001 & cGMP compliant – Manufactured under strict quality and regulatory standards for consistency and safety.

Regulatory-friendly – Designed to meet pharmaceutical, biotech, and global regulatory requirements.



ITSE+A

- Boosts cell culture performance
- Reduces reliance on FBS & human AB Serum
- Defined nutrient profile
- Enhanced cell viability
- No additives or preservatives

Product	Size	Product #
ITSE+A AF	10 mL	777ITS092-10mL
ITSE+A AF	100 mL	777ITS092-100mL
ITSE+A AF	10 x 10 mL	777ITS092-10x10mL
ITSE+A AF	1 L	777ITS092-1L

*Request a quote for bulk & large-scale format options.

Secure Your Supply Now!

SCAN ME

InVitria, Inc
2718 Industrial Drive
Junction City, KS 66441
Phone: 800-916-8311
Fax: 785-238-5688
Email: info@invitria.com
www.invitria.com

Copyright© 2025 InVitria, Inc. All rights reserved.
Reproduction or distribution of any InVitria materials, in whole or in part, is prohibited without prior written consent. All logos, names, designs, and marks displayed, including InVitria® and the InVitria® brand design, are trademarks or service marks owned or licensed by InVitria, Inc., Kansas, USA, unless otherwise noted. For details on InVitria's registered intellectual property, patents, and additional terms and conditions, please visit www.invitria.com/terms.