



# Data Sheet

## ITSE+A Animal-Free™

Blood-free Cell Culture Media Supplement

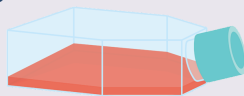


### Animal-Origin-Free Supplement with Albumin

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

|                              |   |
|------------------------------|---|
| <b>Composition</b>           | rh-Insulin – 1.00 g/L<br>rh-Transferrin – 0.55 g/L<br>Selenium – 0.00067 g/L<br>Ethanolamine – 0.20 g/L<br>rh-Albumin – 20.00 g/L |
| <b>Format</b>                | Frozen  |
| <b>Concentration</b>         | 100X sterile concentrate  |
| <b>Shelf Life</b>            | 2 years   |
| <b>Regulatory Compliance</b> | cGMP, ISO 9001  |
| <b>Packaging</b>             | 10 mL, 10x10 mL, & 100 mL, 1 L bottles  |
| <b>Storage</b>               | -20°C   |



**Remove or reduce FBS / human AB serum** – Offers recombinant alternatives to human and animal-components.



**Regulatory-friendly** – Used in pre-clinical and clinical therapeutics worldwide.



**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



Try ITSE+A AF Today!

[www.invitria.com/itse-a-f](http://www.invitria.com/itse-a-f)



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### 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.



- ✓ Boosts Cell Culture Performance
- ✓ Reduces reliance on FBS & Human AB Serum
- ✓ Defined Nutrient Profile
- ✓ Enhanced cell viability
- ✓ No additives or preservatives

| Product   | Size       | SKU               |
|-----------|------------|-------------------|
| 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!



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