

# 5 in ONE Blood FREE Cell Culture Media Supplement

## Catalog No: tcim002013



### Available Sizes

**Size:** 1 Liter

**Size:** 10ml x 10

**Size:** 100ml

**Size:** 10ml



### Specifications

**Application:**

5 in ONE Cell Culture Media Supplement is cell culture media supplement replaces blood-derived insulin transferrin albumin supplements that contain serum-derived transferrin and albumin.

**Research Area:**

Cell Culture.

**Form:**

Liquid.

**Recommended Dilution:**

100 X Concentrated.

**Component:**

Insulin

Transferrin

Selenium

Ethanolamine

Albumin

**Storage Instruction:**

-20°C

## Notes

5 in ONE Cell Culture Media Supplement is blood-free insulin transferrin albumin 100x cell culture media supplement that also contains selenium and ethanolamine. ITSE + Albumin is intended to reduce or replace FBS or human serum in cell culture media. Advantages 1.Manufactured in a tertiary level animal component-free facility in the United States. 2.Raw materials, manufacturing equipment, and packaging is certified animal-free Host manufacturing system is of non-animal and non-human source Complete supply and manufacturing chain. 3.Supplied as a 100x sterile liquid 4.Blood-free components improve performance consistency in media 5.Cost effective. 6.Certified ISO9001 (Manufacturer)

## Product Description

5 in ONE Cell Culture Media Supplement is Animal FREE recombinant insulin and transferrin cell culture 100x media supplement. 5 in ONE Cell Culture Media Supplement contains 5 components that are typically required for optimal cell growth in serum-free or reduced serum media. Insulin has cell signaling functions and promotes the uptake of glucose and amino acids. Transferrin is a universal source of iron for cells that is non-toxic carrier of iron and reduces the generation of toxic free-radicals and peroxide. Selenium is required for the activity of glutathione peroxidase, thioredoxin reductase, and other antioxidant enzymes. Ethanolamine is a phospholipid precursor that improves the performance of cells in serum-free media and is required for the growth of some cell types.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!