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Insulin Transferrin Sodium Selenite Plus Supplement (100X)

Cat. No. TM133

Store at -20°C.

Product Description

Insulin-Transferrin-Sodium Selenite Plus Supplement (ITS Plus) is a ready-to-use, 100X formulation that supports cell growth, viability, and metabolism in serum-reduced or serum-free media. Its enhanced composition—including recombinant proteins, lipids, and metabolic components—promotes improved growth, reproducibility, and consistent performance across a wide range of mammalian cell types, including sensitive and primary cells.

Each lot is quality-tested for sterility to ensure consistency and reliability in cell culture applications.

Cat. No.	Product	Quantity
TM133	Insulin Transferrin Sodium Selenite Plus Supplement (100X)	10 ml

General Notes

- This product is supplied as a 100X concentrate. Each 10 ml unit is formulated to supplement up to 1 liter of basal medium.
- For optimal cell growth, 0–2% Fetal Bovine Serum (FBS) may be used. Many cell types can be adapted to serum-free conditions when using ITS Plus.
- **Important:** Gradual adaptation is recommended when transitioning cells from serum-containing to low- or serum-free conditions.
- The inclusion of albumin, lipids, and metabolic components supports enhanced cell growth, membrane synthesis, and overall culture performance.
- Once the basal medium is supplemented with ITS Plus, use it promptly for cell culture or store it at 2–8°C in the dark to maintain stability.