

Neo ITS (100x), Insulin, Transferrin, Selenium

#Cat: NB-58-0085

Size: 10ml

General Information

Neo ITS (Insulin, Transferrin, Selenium) is a chemically defined supplement for a variety of cell culture applications. Neo ITS supplement contains components which are required for optimal performance of serum-free media. Supplementation of Neo ITS to different conventional nutrient media substantially reduces the FBS requirement for routine maintenance of many cell lines. Neo ITS is provided as a 100x concentrate.

Applications:

- Serum-free cultivation
- Reduction of FBS requirements
- Cultivation of e.g. CHO, Hybridoma, MDCK and Vero cells
- Supplement in murine embryonic stem cell culture

Product Specifications

Appearance	Clear solution
Storage and shelf life	Store at +2°C to +8°C protected from light. Once opened, store at 4° C and use within 2-4 weeks.
Shipping conditions	Ambient
Working Concentrations	Recommended final concentration: 10 ml/L

Formulation

Components	Concentration mg/L
Human Recombinant Insulin	1000.00
Human Transferrin (holo)	550.00
Sodium Selenite	0.68

* Neo ITS supplement is prepared in EBSS without Phenol Red.

Reference: Bottenstein et al. (1979), Methods in Enzymology; 58: 94–109.

Precautions and Disclaimer

This product is for research use and further manufacturing only.

Help Needed?

If you have any further questions regarding this product, please do not hesitate to contact our cell culture experts by email (info@neo-biotech.com) or phone (+33 9 77 40 09 09).