

ITS Supplement 100X, Liquid

**With 1mg per ml Insulin, 0.55mg per ml Human Transferrin and 0.5µg per ml Sodium Selenite in Earle's Balanced Salt Solution
Without Phenol red**

Product Code: TCL064

Product Description :

ITS supplement is a basal growth factor supplement used to reduce the serum requirements in reduced serum and serum free cell culture systems.

Insulin is a peptide hormone responsible for uptake, utilization and storage of glucose by cells. Insulin is often used as a medium supplement for cell culture in the range of 1-10 µg/ml depending upon the cell type.

Transferrin is a glycoprotein responsible for delivery of iron to cells. Most of the stimulatory activity of transferrin is attributed to its own iron binding properties. Transferrin has a stimulatory effect on many cell types and is used in cell culture at a concentration of 1-10 µg/ml.

Selenium is an essential trace element required for normal cell growth and development.

Composition :

Ingredients	mg/ml
Human Transferrin	0.5500
Insulin	1.0000
Sodium selenite	0.0005

Directions :

Recommended Usage: 10ml per litre of medium.

Quality Control:

Appearance

Colorless to pale orange, clear solution

Revision: 1 / 2012

Disclaimer :

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