

## Insulin-Transferrin-Selenium, 100X

Cat. No.:	HY-150287		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Insulin-Transferrin-Selenium, 100X

### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : ≥ 100 mg/mL

\* "≥" means soluble, but saturation unknown.

### BIOLOGICAL ACTIVITY

#### Description

Insulin-Transferrin-Selenium, 100X (ITS-G) is a mixture of Insulin, transferrin, and sodium selenite that is a general supplement designed for use in classic media such as DMEM, RPMI-1640, and nutrient media such as Ham's F-12, DMEM/F-12 [1]. Insulin-Transferrin-Seleniu is added to basal medium to reduce the amount of fetal calf serum required to culture cells.

### REFERENCES

[1]. Miaomiao Wei, et al. Hepatocyte-Specific Smad4 Deficiency Alleviates Liver Fibrosis via the p38/p65 Pathway. Int J Mol Sci. 2022 Oct 2;23(19):11696.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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