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# HiDef® ITS cell culture supplement




**Type:** Defined Bioscience

**Available for purchase:** unit size: 1x 10 ml, 10x 10 ml

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## Product Information

Defined Bioscience's HiDef® ITS is a defined formulation designed for the routine maintenance and low-density attachment of adherent cells under reduced serum conditions. HiDef® ITS is a combination of insulin (to stimulate glucose uptake), transferrin (to facilitate iron transport), and sodium selenite (a potent antioxidant and common component supplied by serum), previously shown to reduce the amount of FBS needed in the culture of a wide range of cell types, including primary cells, immortalized cell lines, and stem cells.

HiDef® ITS should be used with other growth factors, sera, or additives depending on your cell culture application.

### Alternative protein names

Insulin-Transferrin-Selenium Supplement, ITS-G

### Product Size Wording

Order fulfilled by Qkine

### Species reactivity

- optimized for human cells
- also tested in:
- bovine
- porcine
- ovine

## Product Information

- Tested across >100 hiPSC and hESC lines
- Fully defined
- Reduce your FBS
- Animal origin free (AOF)
- Store at 2-8˚C, protect from light

## Reconstitution instructions

- Liquid

## Featured applications

- Pluripotent stem cell culture
- Primary cell culture
- Culture of immortalized cell lines

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**Original product page:** https://qkine.com/product/hidef-its-cell-culture-supplement/

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