

User Manual

OriCell™ ITS Cell Culture Supplement (100x)

Cat No. ITSS-10201-5 (5ml)

ITSS-10201-10 (10ml)

PRODUCT DESCRIPTION:

OriCell™ ITS Cell Culture Supplement (100×) is a mixture of insulin, human transferrin and selenous acid. These important factors are suitable for in vitro growth and differentiation. They stimulate proliferation and reduce the serum requirement of a variety of cells.

The product is intended for laboratory research use only, not for drug, house hold, or other uses.

Highlights:

- Promote cell proliferation in serum-free and reduced-serum growth medium
- Batch-to-batch consistency

COMPONENTS:

The ingredients are resolved in pH 7.0~7.2 EBSS solution.

Ingredients	Weight/ 5mL
Human Recombinant Insulin	3.125 mg
Human Transferrin	3.125 mg
Selenous Acid	3.125 µg
BSA	0.625 g
Linoleic Acid	2.675 mg

INSTRUCTIONS:

ITS Cell Culture Supplement is supplied as a 100× stock. Formulated in a 5mL aqueous solution sufficient to supplement 500mL of medium.

STABILITY AND STORAGE:

Store at 2-8°C in dark for up to one year.
Do not freeze.

QUALITY CONTROL:

Standard evaluation includes:

1. Sterility test (bacteria, fungi and mycoplasma)
2. pH test
3. Osmolality
4. Endotoxin
5. Test for ability in a cell proliferation assay

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