

TransSup[®] ITS Supplement (100×)

Please read the datasheet carefully prior to use.

Cat. No. MN401

Version No. Version 1.0

Storage at 2-8°C in dark for one year

Description

TransSup[®] ITS Supplement (100×) contains three most universally essential components: human insulin, human holo-transferrin, and selenous acid. Among them, human insulin and human holo-transferrin are recombinant proteins, non-plasma sources, which can avoid the risk of contamination from human viruses and mycoplasma. *TransSup*[®] ITS Supplement (100×) could decrease the serum requirement of many cell types, support serum-free or low-serum culture. It is recommended for use in the in vitro differentiation of embryonic stem cells, such as differentiation to neural or pancreatic-like cell types.

Components

The following components are dissolved in EBSS buffer with pH 7.0-7.2.

Component	Content/20 ml
Recombinant human insulin	12.5 mg
Recombinant human holo-transferrin (iron contained)	12.5 mg
Selenous acid	12.5 µg
BSA	2.5 g
Linoleic acid	10.7 mg

Content

Component	MN401-01
<i>TransSup</i> [®] ITS Supplement (100×)	20 ml

Procedure

This product is filtered by 0.2 µm filter, and can be added to the medium at 1:100 dilution according to the needs of use.

Notes

- Store at 2-8°C, avoid light, do not freeze.
- Pay special attention to avoid microorganisms contamination during using product.

For research use only, not for clinical diagnosis.

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