

ITS Supplement-A

For neural and pancreatic differentiation of mouse ES and iPS cells

Catalog # 07151

5 mL



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Product Description

ITS Supplement-A is a medium supplement containing insulin, holo-transferrin (iron-saturated), and selenium in phosphate-buffered saline (PBS). It is recommended for use in the in vitro differentiation of mouse embryonic stem (ES) cells and mouse induced pluripotent stem (iPS) cells to neural and pancreatic-like cell types.

Properties

Storage: Store at 2 - 8°C.

Shelf Life: Stable until expiry date (EXP) on label.

This product contains material derived from human plasma. Donors have been tested and found negative for HIV-1 and -2, hepatitis B, and hepatitis C prior to donation. However, this product should be considered potentially infectious and treated in accordance with universal handling precautions.

Handling / Directions For Use

Use this product as directed in the protocol of choice.

References

Lee SH et al. (2000) Efficient generation of midbrain and hindbrain neurons from mouse embryonic stem cells. *Nat Biotechnol* 18(6): 675–9.

Lumelsky N et al. (2001) Differentiation of embryonic stem cells to insulin-secreting structures similar to pancreatic islets. *Science* 292(5520): 1389–94.

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