

# ES-Cult™ Basal Medium-A



**Basal medium for differentiation of mouse ES and iPS cells to neural lineages**

Catalog # 05801                      500 mL

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TOLL FREE PHONE 1 800 667 0322 • PHONE +1 604 877 0713

[INFO@STEMCELL.COM](mailto:INFO@STEMCELL.COM) • [TECHSUPPORT@STEMCELL.COM](mailto:TECHSUPPORT@STEMCELL.COM)

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## Product Description

ES-Cult™ Basal Medium-A can be used for the in vitro neural differentiation of mouse embryonic stem (ES) cells and mouse induced pluripotent stem (iPS) cells.

## Properties

**Storage:** Store at 2 - 8°C.

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

## Handling / Directions For Use

This product is recommended to be used in combination with ITS Supplements (Catalog #07151, #07155) or N2 Supplements (Catalog #07152, #07156) for in vitro neural differentiation of mouse ES cells.

NOTE: This product contains the labile amino acid L-glutamine which has a half-life of approximately 1 month when stored at 2 - 8°C. For certain cell culture applications, medium stored for greater than 2 months following date of manufacture should be supplemented with additional L-glutamine. Add 1.25 mL of 200 mM L-Glutamine (Catalog #07100) to 500 mL to achieve a final concentration of 0.5 mM.

NOTE: This product does not contain antibiotics. If desired, add penicillin and streptomycin and use medium within 1 week.

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