



Product Specification

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| Product name | Lolina® Human Embryonic Stem Cell Growth Supplement 50× |
| Cat.No. | NaC204101 |
| Size | 10ml |
| Storage and shipping | Store at -20°C. Protect from light. Dry ice. |

Product Description

Lolina® Human Embryonic Stem Cell Growth Supplement is a medium supplement designed for the optimal growth of human embryonic stem cells and induced pluripotent stem cells in vitro. It is a sterile, concentrated (50×) solution which contains growth factors, hormones, and proteins. The supplement is formulated (quantitatively and qualitatively) to provide an optimally balanced growth environment that maximally promotes the growth of human embryonic stem cells and induced pluripotent stem cells in vitro. Use Geltrex or BD Matrigel for feeder-free culture conditions.

Lolina® Human Embryonic Stem Cell Growth Supplement 50× is designed as an additive for STEMium basal medium and should be used in conjunction with that medium.

Prepare for use

Thaw Lolina® Human Embryonic Stem Cell Growth Supplement 50× at room temperature. Gently tilt the tube several times during thawing to help the contents dissolve. Make sure the contents of the Lolina® Human Embryonic Stem Cell Growth Supplement 50× are completely dissolved into solution before adding to the STEMium basal medium. Rinse the bottle and tubes with 70% ethanol, and then wipe to remove excess. Remove the cap, being careful not to touch the interior threads with fingers. Add Lolina® Human Embryonic Stem Cell Growth Supplement 50× solution into basal medium using sterile techniques, mix well and then the reconstituted medium is ready for use. Since several components of Lolina® Human Embryonic Stem Cell Growth Supplement 50× are light-labile, it is recommended that the medium not be exposed to light for extended periods of time. If the medium is warmed prior to use, do not exceed 37°C. When stored in the dark at 4°C, the reconstituted complete STEMium is stable for two weeks.

Caution: If handled improperly, some components of the medium may present a health hazard. Take appropriate precautions when handling it, including the wearing of protective clothing and eyewear. Dispose of properly.

Note

Lolina® Human Embryonic Stem Cell Growth Supplement 50× is for research use only. It is not approved for human or animal use, or for application in in vitro diagnostic procedures.