

Product Information : StemFit Basic03

1. Introduction

StemFit Basic03 is an animal-origin free, defined medium for human pluripotent stem cell culture. This medium is capable of reprogramming, maintaining and differentiating human ES and iPS cells under feeder-free culture conditions.

2. Materials Provided 1





Component	Volume	Storage
Liquid A	400ml	Store at below -20 °C
Liquid B	100ml	Store at below -20 °C



3. Media Preparation

StemFit Basic03 is provided frozen as a 2 component set containing “Liquid A” and “Liquid B” and can be stored at below -20 °C until use. Use sterile techniques to prepare StemFit Basic03 medium.

- 1) Before use, thaw the frozen “Liquid A” and “Liquid B” with occasionally mixing at room temperature (15-25 °C). 2
- 2) Aseptically mix medium components by adding the full volume of “Liquid B” to “Liquid A”. Mix thoroughly. If prepared aseptically, StemFit Basic03 is ready for use.
- 3) Upon thawing, StemFit Basic03 medium may be aseptically aliquoted and stored at below -20 °C. 3 4
- 4) Before use, warm aliquots to room temperature and use immediately.

1  bFGF not contained	<p>This product does not contain basic fibroblast growth factor (bFGF)</p>	2  × 37 °C	<p>Do not thaw, “Liquid B” at 37 °C, as it accelerates the degradation of medium ingredients.</p>
3  2weeks	<p>Thawed StemFit Basic03 medium may be stored at 2-8 °C for up to two weeks.</p>	4  × Light	<p>We recommend storing the medium protected from light</p>

4. Precaution and Disclaimer

StemFit Basic03 is for research use only and is not for diagnostic use, therapeutic use, or as a food.

5. Contact the following department for product information:

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