

Product Information : StemFit Basic02

1. Introduction

StemFit Basic02 is a xeno-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 Basic02 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 Basic02 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 Basic02 is ready for use.
- 3) Upon thawing, StemFit Basic02 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	This product does not contain basic fibroblast growth factor (bFGF)	2  × 37 °C	Do not thaw, “Liquid B” at 37 °C, as it accelerates the degradation of medium ingredients.
3  2weeks	Thawed StemFit Basic02 medium may be stored at 2-8 °C for up to two weeks.	4  × Light	We recommend storing the medium protected from light

4. Precaution and Disclaimer

StemFit Basic02 is for research use only and is not for diagnostic use, therapeutic use (including clinical research), or as a food. This product contains material derived from human plasma. Therefore, this product should be treated as a potentially infectious agent, and in accordance with universal handling procedures.

5. Contact the following department for product information:

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