

## 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:

Business Strategy & Planning Dept., AminoScience Division, AJINOMOTO CO., INC.

1-15-1 Kyobashi, Chuo-ku, Tokyo 104-8315, Japan

TEL : +81-3-5250-5070 E-mail: [stemfit@ajinomoto.com](mailto:stemfit@ajinomoto.com)

For Research Use Only. Not Intended For Human or Animal Diagnostic or Therapeutic Uses