

## 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 maintaining 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). Do not thaw, “Liquid B” at 37 °C, as it accelerates the degradation of medium ingredients. 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. If precipitations are observed, keep the bottle at room temperature and dissolve them.
- 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.

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

### 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:

Amino Acids Dept., AminoScience Division, AJINOMOTO CO., INC.

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

TEL : +81-3-5250-5040 E-mail: [stemfit@asv.ajinomoto.com](mailto:stemfit@asv.ajinomoto.com)

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