

Product Information : StemFit Basic04 Complete Type

1. Introduction

StemFit Basic04 Complete Type (Basic04CT) is an animal-origin free, defined medium for human pluripotent stem cell culture. This medium includes Basic Fibroblast Growth Factor (bFGF) and can be used for maintaining human ES and iPS cells under feeder-free culture conditions. StemFit Basic04CT corresponds to StemFit Basic04, but also includes bFGF at a concentration of 80 ng/mL.

2. Materials Provided




| Volume | Storage |
|--------|-----------------------|
| 500 ml | Store at below -20 °C |



3. Media Preparation

StemFit Basic04 Complete Type is provided frozen medium and can be stored at below -20 °C until use. Use sterile techniques when using this medium.

- 1) Before use, thaw the frozen Basic04CT with occasionally mixing at room temperature (15-25 °C).
CAUTION : Do not thaw, StemFit Basic04 Complete Type at 37 °C, as it accelerates the degradation of the medium. If precipitations are observed, keep the bottle at room temperature and dissolve them. 1
- 2) Upon thawing, StemFit Basic04 Complete Type may be aseptically aliquoted and stored at below -20 °C. Thawed StemFit Basic04 Complete Type may be stored at 2-8 °C for up to two weeks. 2
We recommend storing the medium protected from light. 3
- 3) Before use, warm aliquots at room temperature and use immediately.

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|---|---|--|--|
| 1  × 37 °C | Do not thaw, StemFit Basic04 Complete Type at 37 °C, as it accelerates the degradation of medium ingredients. | 2  2weeks | Thawed StemFit Basic04 Complete Type medium may be stored at 2-8 °C for up to two weeks. |
| 3  × Light | We recommend storing the medium protected from light | | |

4. Precaution and Disclaimer

StemFit Basic04 Complete Type is for research use only and is not intended for diagnostic or therapeutic use.

5. Contact the following department for product information:

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