

Product Information : StemFit™ Basic03 (GMP)

1. Materials Provided

Product Name	StemFit™ Basic03
Product Number	SF031-001

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



2. Product Description

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 cell under feeder-free culture conditions.

The QMS (Quality Management System) follows the Ajinomoto System of Quality Assurance (ASQUA). Manufacturing and product release testing of this product are managed in accordance with the GMP standards Ajinomoto formulated for culture media for regenerative medicine. The GMP standards are prepared with reference to ICHQ7 and PMDA guidance for Aseptic Manufacturing Processes of Regenerative Medicine Products.

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 occasional mixing at room temperature (15-25 °C).

Do not thaw, “Liquid B” at 37 °C, as it accelerates the degradation ingredients.

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 until completely dissolved.

3) Add bFGF at 80 ng/ml concentration*.

4) Upon thawing, StemFit™ Basic03 medium may be aseptically aliquoted and stored at below -20 °C.

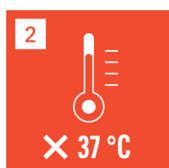
5) Before use, warm aliquots to room temperature and use immediately.

6) Once aliquots are thawed, they should be stored at 4 °C for no more than 2 weeks.

*bFGF concentration can be customized according to the application.



This product does not contain basic fibroblast growth factor (bFGF)



Do not thaw, "Liquid B" at 37°C, as it accelerates the degradation of medium ingredients.



Thawed StemFit™ Basic03 medium may be stored at 2-8°C for up to two weeks.



We recommended storing the medium protected from light

4. Precaution and Disclaimer

StemFit™ Basic03 is for research and further manufacturing use only and is not intended for Human or Animal diagnostic or therapeutic uses.

5. Contact

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