



Applied Biological Materials Inc.

Telephone: 1-866-757-2414

Email: info@abmgood.com

Website: www.abmgood.com

Version 1: June 11th 2026

Fibroblast Growth Medium Kit (Low Serum)

Cat. No. TM205

Product Description

Fibroblast Growth Medium Kit (Low Serum) is a specialized culture system designed to support the growth and maintenance of primary and immortalized human fibroblasts under reduced-serum conditions. This formulation provides essential nutrients and growth factors while minimizing serum exposure, supporting controlled proliferation and study of fibroblast behavior. It is suitable for connective tissue biology, wound healing, tissue engineering, and routine fibroblast culture workflows where reduced serum-associated variability is desired.

Key benefits include:

- Low-serum formulation for controlled fibroblast proliferation and attachment
- Includes basal medium plus reduced-serum growth supplement mix

Components

Product	Cat. No.	Quantity	Storage Conditions
Basal Medium 1	BM001-500	500 ml	2-8°C
FGMK(LS) - Supplement 1	TM205-1	30 ml	-20°C

Storage and Stability

- Once supplemented, complete medium may be stored at 2-8°C and should be used within 30 days.
- Avoid freezing the complete medium and avoid repeated freeze-thaw cycles of supplements.

Protocol

1. Thaw each supplement at room temperature (15–25°C) or overnight at 2-8°C.
2. Aseptically, in a biosafety cabinet, remove 30 ml of basal medium from the bottle and discard.
3. Add TM205-1 supplement mix (30 ml) to Basal Medium 1 (470 ml).
4. Mix gently until homogeneous. Supplement addition may cause slight temporary cloudiness.

Note: The final reconstituted medium volume is ~500 ml.

For research use only. Not intended for therapeutic or diagnostic applications.