



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 (High Serum)

Cat. No. TM204

Product Description

Fibroblast Growth Medium Kit (High Serum) is a complete culture system formulated to support robust growth and maintenance of primary and immortalized human fibroblasts. Enriched with high serum content and essential growth factors, it promotes rapid proliferation while preserving fibroblast morphology and function. This kit is suitable for connective tissue biology, wound healing, tissue engineering, and routine fibroblast expansion workflows.

Key benefits include:

- High-serum formulation for rapid fibroblast proliferation and attachment
- Includes basal medium plus serum and growth supplement mix

Components

Product	Cat. No.	Quantity	Storage Conditions
Basal Medium 1	BM001-500	500 ml	2-8°C
Fetal Bovine Serum	SM004-50	50 ml	-20°C
FGMK(HS) - Supplement 1	TM204-1	300 µl	-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 50 ml of basal medium from the bottle and discard.
3. Add SM005-50 (50 ml) and TM204-1 (300 µl) Basal Medium 1 (450 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.