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Serum-Free Fibroblast Growth Medium Kit

Cat. No. TM662

Product Description

Serum-Free Fibroblast Medium is a fully defined, xeno-free cell culture medium designed to support the robust growth, expansion, and maintenance of primary and immortalized fibroblasts without the need for animal serum. Developed for consistency and reproducibility, it eliminates the variability associated with fetal bovine serum (FBS) while maintaining high cell viability and physiological relevance.

Key benefits include:

- Serum-free and xeno-free formulation for improved reproducibility
- Supports robust fibroblast proliferation and compatible with primary fibroblasts and cell lines
- Reduces risk of serum-associated contaminants and unwanted signaling variability

Components

Product	Cat. No.	Storage Conditions
Basal Medium 1	BM001-500	2-8°C
SFFGMK - Supplement 1	TM662-1	-80°C
SFFGMK - Supplement 2	TM662-2	-20°C
SFFGMK - Supplement 3	TM662-3	-20°C
Serum Replacement Supplement	SM006-50	-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 52 ml of basal medium from the bottle and discard.
3. Add the specified volume of each supplement, as shown in the table below, to the bottle of basal medium and mix thoroughly.
4. Mix gently until homogeneous. Supplement addition may cause slight temporary cloudiness.

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

Product	Cat. No.	Quantity
SFFGMK - Supplement 1	TM662-1	1.1 ml
SFFGMK - Supplement 2	TM662-2	1.0 ml
SFFGMK - Supplement 3	TM662-3	50 µl
Serum Replacement Supplement	SM006-50	50 ml

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