

STANDARD OPERATING PROCEDURE



CEDARS-SINAI
BIOMANUFACTURING
CENTER

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Preparing Frozen diMNs Maturation Supplement

1. SHIPPING CONDITIONS

Frozen diMNs Maturation Supplements are frozen in 2.5 or 5mL aliquots.

2. UPON DELIVERY

Store frozen supplements at -20°C for short term use (3 months); otherwise, store at -80°C.

3. MATERIALS

Materials	Catalog Numbers	Company
IMDM	12440061	Life Technologies
F12	11765062	Life Technologies
Frozen diMNs Maturation Supplement		CS Biomanufacturing Center

FOR RESEARCH USE ONLY

8687 Melrose Ave. STE B227, West Hollywood, CA 90069
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4. MEDIA PREPARATION

NOTE: Protect prepared media from light and store at 4°C.

Supplement (mL)	IMDM (mL)	F12 (mL)	Final Volume (mL)
2.5	23.75	23.75	50
5	47.5	47.5	100
25	237.5	237.5	500
50	475	475	1000

5. PROCEDURE

5.1. THAWING SUPPLEMENT

5.1.1. Thaw Frozen diMNs Maturation Supplement at room temperature.

5.2. PREPARING MEDIA

5.2.1. Use media preparation table (Step 4) to determine volume of media required.

5.2.2. Add volume of thawed Frozen diMNs Maturation Supplement to appropriate volume of IMDM: F12 basal media.

5.2.3. Store at 4°C.

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