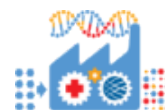


SMGM



FULL MEDIA NAMING: Smooth Muscle Growth Media

Reagent	Manufacturer	Catalogue #	Type Annotation	Volume	Final Concentration
SmBM	Lonza	CC-3181	Basal Medium	500 mL	94%
SmGM-2 SingleQuots (FBS, hFGF-B, hEGF, Insulin, GA-1000)	Lonza	CC-3182	Serum	27.5 mL	5%
Pen/Strep (100 X)*	Life Technologies	15140-163	Antibiotics	5 mL	1%
Fungizone (250 µg/mL)*	Invitrogen	15290018	Antibiotics	0.5 mL	250 ng/mL
Gentamicin (50 mg/mL)*	Life Technologies	15750-060	Antibiotics	100 µL	20 µg/mL

* Antibiotics must be added for lines in nursery. Established cultures do not need antibiotics.

1. To the basal medium, aseptically add the SingleQuots, Pen/Strep, Fungizone, and Gentamicin.
2. Media should be made in fresh batches every 90 days. Any media older than 2 months must be discarded.

Stock Preparation and Storage for Media Reagents

Reagent	Stock preparation	Stock concentration	Stock storage
SmBM	-	-	4C
SmGM-2 SingleQuots (FBS, hFGF-B, hEGF, Insulin, GA-1000)	-	-	-20C
Pen/Strep (100 X)	Aliquot 10 mL into 15 mL conical tubes.	100X	-20C
Fungizone (250 µg/mL)	Aliquot 1 mL into 1.5 mL Eppendorf tubes.	250 µg/mL	-20C
Gentamicin (50 mg/mL)	-	50 mg/mL	RT

* External orders

SOP #	SOP Name	Date	Version	SOP Owner
CELL312	SMGM	2020/09/10	1	Rebecca Deasy