

PrimaPure™

amsbio

Keratinocyte Growth Medium Kit

Catalog #	Description/Content	Amount
PM131500K	Keratinocyte Basal Medium (PM131500)	495 ml
	Keratinocyte Growth Supplement (PM131GS1)	5 ml
	(PM131GS2)	250 µl
	(PM131GS3)	500 µl

Related PrimaPure Products	Catalog #
Epidermal Keratinocytes (HEK), Adult	PH10205A
Epidermal Keratinocytes (HEK), Fetal	PH10205F
Epidermal Keratinocytes (HEK), Neonatal	PH10205N

Storage:	Basal Medium: Stable for 6 months at 4 °C after complete growth media has been prepared. Store away from light
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INTRODUCTION:

The PrimaPure™ Keratinocyte Growth Medium Kit contains Basal Medium and Growth Supplements. Complete Keratinocyte Growth Medium is prepared by adding the Growth Supplements to the Basal Medium.

MATERIALS AND METHODS:

1. Thaw the bottles and vials of Basal Medium and Growth Supplements in a refrigerator overnight. Make sure the caps of the bottle and vial are tightly closed.
2. Remove the Basal Medium and the Growth Supplements from the refrigerator and wipe the outside of the bottles and the vials dry.
3. Collect the Growth Supplement (PM131GS1) by centrifuging the supplement vial briefly.
4. Disinfect the outside of the bottles and vial by wiping with 70% alcohol.
NOTE: After thawing precipitates will likely form at the bottom of the bottle. This is normal and users can proceed to the next step.
5. Swirl the Basal Medium containing Hydrocortisone to ensure a homogenous solution. If there are still some precipitates, shake the medium vigorously for 30 seconds.
6. Swirl the Growth Supplement bottle (PM131GS1) gently to mix the solution. **Do not shake hard which could cause the supplement to foam.**
7. In a Class II Biological Cabinet, aseptically open the supplement bottle and vial and add the entire amount of Growth Supplements (PM131GS1, PM131GS2, PM131GS3) to the Keratinocyte Basal Medium.
8. Rinse the supplement bottle and vial with the medium and add to the medium.
9. Close the cap tightly and swirl the bottle gently to ensure a completely homogenous Growth Medium.
11. Place the growth medium label provided in the kit over the basal medium label.

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