

Protocol for preparation of hTCEpi medium

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Version: July 2024

Evercyte Ord. No.: CHT-045-0237

Designation: hTCEpi, human corneal epithelial cells

Growth medium: KGM™ Gold Keratinocyte Growth Medium BulletKit™ (Lonza, Cat# 00192060):

Final components:

KBM™ Gold™ Basal Medium (Lonza, Cat# 00192151)

Components of KGM™ Gold™ SingleQuots™ supplements (Lonza, Cat# 00192152: BPE, hEGF, Insulin, Hydrocortisone, Transferrin, Epinephrine, **without GA**)

- take one bottle of KBM™ Gold™ Basal Medium (500 ml)
 - add 2 ml of BPE (component of KGM™ Gold™ SingleQuots™)
 - add 500 µl of hEGF (component of KGM™ Gold™ SingleQuots™)
 - add 500 µl of Insulin (component of KGM™ Gold™ SingleQuots™)
 - add 500 µl of Hydrocortisone (component of KGM™ Gold™ SingleQuots™)
 - add 500 µl of Transferrin (component of KGM™ Gold™ SingleQuots™)
 - add 250 µl of Epinephrine (component of KGM™ Gold™ SingleQuots™)
 - GA-1000 (KGM™-2 SingleQuots™ Supplements) is **not** used

 - mix properly
 - store at 4°C for a maximum of 4 weeks
 - temper the medium to room temperature (not 37°C) before use
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