

Protocol for preparation of NHEK/SVTERT3-5 medium

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Version: May 2021

Evercyte Ord. No.: CLHT-011-0026-5

Designation: NHEK/SVTERT3-5, human epidermal keratinocytes

Growth medium: KGM™-2 BulletKit™ (Lonza, Cat# CC-3107) supplemented with G418:

Final components:

KBM™-2 basal medium (Lonza, Cat# CC-3103)

Components of KGM™-2 SingleQuots (Lonza, Cat# CC-4152: BPE, hEGF, insulin, hydrocortisone, transferrin, epinephrine, w/o GA)

50 µg/ml G418 (InvivoGen, Cat# ant-gn5, 100 mg/ml stock solution, ready-to-use)

- take one bottle of KGM™-2 basal medium (500 ml)
- add 2 ml of BPE (component of KGM™-2 SingleQuots™)
- add 500 µl of hEGF (component of KGM™-2 SingleQuots™)
- add 500 µl of Insulin (component of KGM™-2 SingleQuots™)
- add 500 µl of Hydrocortisone (component of KGM™-2 SingleQuots™)
- add 500 µl of Transferrin (component of KGM™-2 SingleQuots™)
- add 500 µl of Epinephrine (component of KGM™-2 SingleQuots™)
- add 250 µl of G418 stock solution (100 mg/ml)

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