





# HK EGFP-LaminaA/H2B-mCherry | 300921

## Thawing and Culturing Cells

1. Thaw the cells in a water bath at 37°C. Remove the cells from the bath and centrifuge at 300 x g for 3 minutes. Discard the supernatant and resuspend the cells in 15 µl of DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin. Seed the cells into a 96-well plate.
2. Incubate the cells at 37°C in 5% CO<sub>2</sub> for 24 hours. Remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.
3. After 24 hours, remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.
4. After 48 hours, remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.
5. After 72 hours, remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.
6. After 96 hours, remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.
7. After 120 hours, remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.
8. After 144 hours, remove the medium and replace with fresh DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.

## Incubation Atmosphere

37°C, 5% CO<sub>2</sub>, humidified

## Flask Coating

Coated with laminin A1 (10 µg/ml) and laminin B1 (10 µg/ml) in DMEM.

## Freezing Procedure

Resuspend cells in DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin. Seed cells into a 96-well plate at 78°C.

## Shipping Conditions

Store cells at -78°C in DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.

## Storage Conditions

Store cells at -150°C in DMEM supplemented with 8 µg/ml insulin, 8 µg/ml transferrin, 8 µg/ml selenium, and 100 U/ml penicillin.

## Genotype / HLA

## Sterility

Cells are tested for mycoplasma contamination using PCR. No contamination was detected.

Cells are tested for endotoxin contamination using the Limulus amoebocyte lysate (LAL) assay. No endotoxin was detected.

**██████ HK EGFP-LaminaA/H2B-mCherry | 300921**

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**██████ HLA**

**A\***: '68:02:01

**B\***: 15:03:01

**C\***: 12:03:01

**DRB1\***: 01:02:01

**DQA1\***: 01:01:02

**DQB1\***: 05:01:01

**DPB1\***: 01:01:01

**E**: 01:03:02