

Name of cell lines: HaCaT

Culture medium: Dulbecco's MEM supplemented with
5~10% FBS
10 µg/ml Gentamicin¹

¹ can be changed to other antibiotics

Culture conditions: 37 °C with 5 % CO₂

Fluid renewal: every third day

Subculture interval: twice a week

Subcultivation ratio: 1: 10

Subcultivation procedure:

remove medium, rinse cells twice with 0.02% EDTA/PBS, add 0.01~0.25% trypsin in 0.02% EDTA-PBS, incubate at 37 °C for 5-10 min, add fresh culture medium, centrifuge at 1200 rpm for 5 min, resuspend cells in fresh culture medium and dispense into new culture vessels.

Freeze medium: culture medium + 10% DMSO

Reference: Boukamp et al. J. Cell Biol. 106: 761-771, 1988