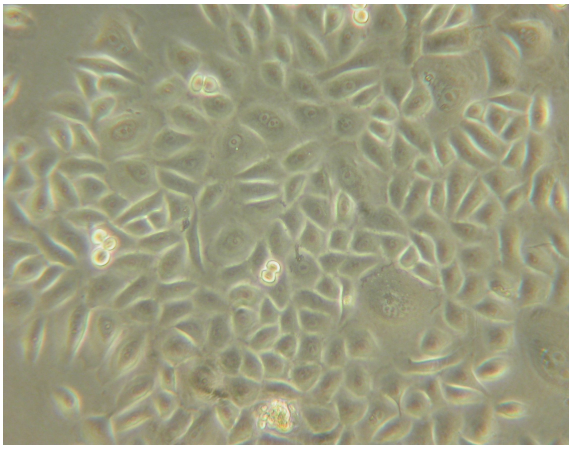
PRIMACYT
Cell Culture Technology

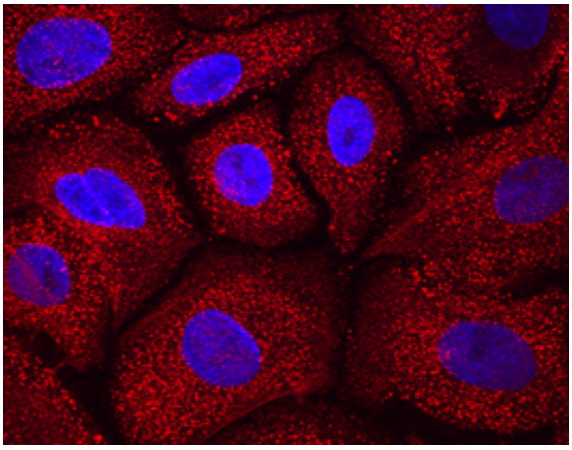
Human Keratinocytes

Normal human keratinocytes are isolated from the epidermis of juvenile/infantile foreskin or adult skin from different locations like face, breasts or abdomen. Human keratinocytes are cryo-preserved at passage 1 (P1). Each vial contains more than 500.000 viable cells after thawing. Proliferating cell cultures are made from cryo-preserved cells, which have been thawed and cultured at PRIMACYT.

The cells are tested for morphology, cell viability, and adherence rate. Growth performance is tested through multiple passages up to at least 16 population doublings.



Normal human keratinocytes, derived from juvenile foreskin, phase contrast, passage 4 after thawing.



Normal human keratinocytes, derived from juvenile foreskin, phase contrast, passage 2 after thawing. Cells are stained for keratinocyte specific antigen Cytokeratin 14/16/17 (red); nuclei stained with Hoechst 33342 (blue).

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