Web: www.taiclone.com
Tel: +886-2-2735-9682
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CAL 27

Catalog No: tcel265

Available Sizes

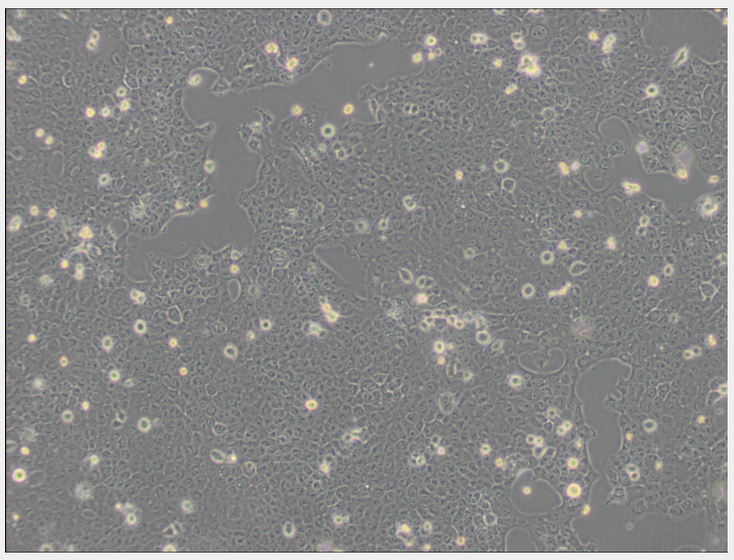
Size: 1×10⁶cells/t25culturebottle

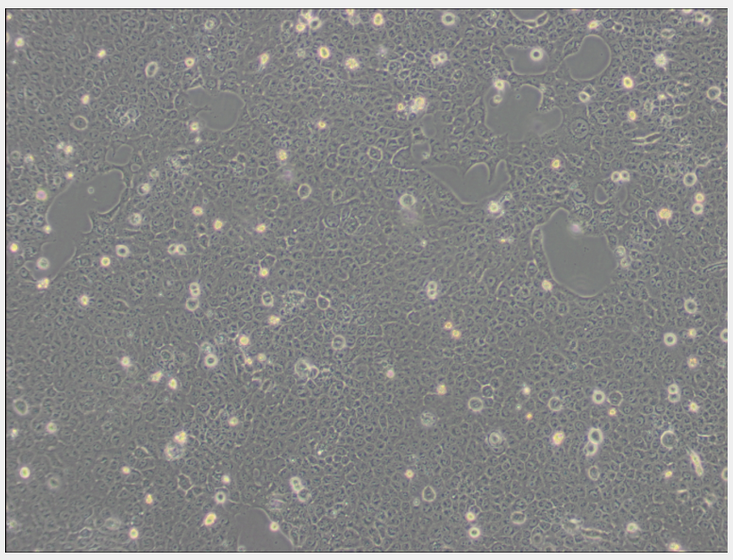
Specifications

Subculturing:
Remove and discard culture medium. Briefly rinse the cell layer with DPBS solution to remove all traces of serum that contains trypsin inhibitor. Add 1.0 to 2.0 mL of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 2 to 3 minutes). Cells that are difficult to detach may be placed at 37°C to facilitate dispersal. Add 4.0 to 6.0 mL of complete growth medium and aspirate cells by gently pipetting. Add appropriate aliquots of the cell suspension to new culture vessels.

Product Description

CAL 27 cells are epithelial, polygonal with a highly granular cytoplasm. Immunocytochemical studies show strong positive staining with anti keratin antibodies. The cells do not grow well in semi-solid medium. Marked inhibition of Thymidine incorporation was observed in the presence of VP16(etoposide), CCNU(1-[2-chloroethyl]-3-cyclohexyl-1-nitrosourea), VM26(teniposide), ADM(adriamycin), CPA(cyclophosphamide), and MTX(Methotrexate). CAL 27 cells were resistant to treatment with VDS(vindesine sulfate), CDP(cis-platinum) or ACTD(actinomycin D). A culture submitted to the ATCC in December 1993 was found to be contaminated with mycoplasma. Progeny were cured by a 21-day treatment with BM Cycline.





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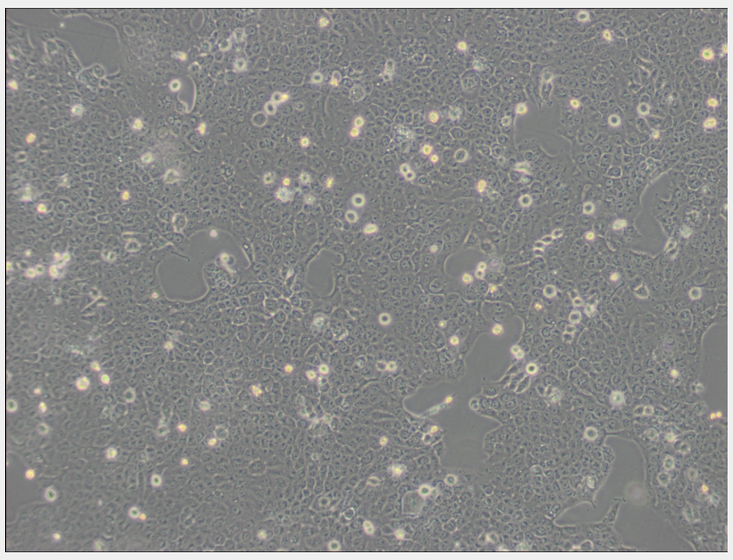

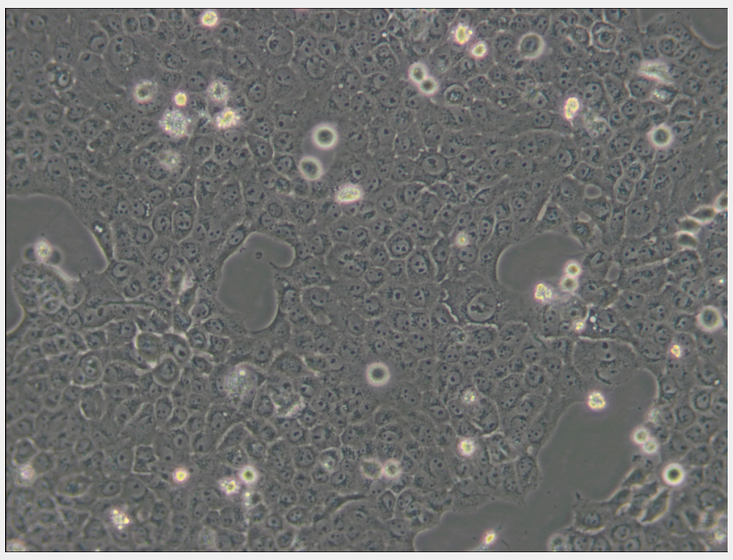

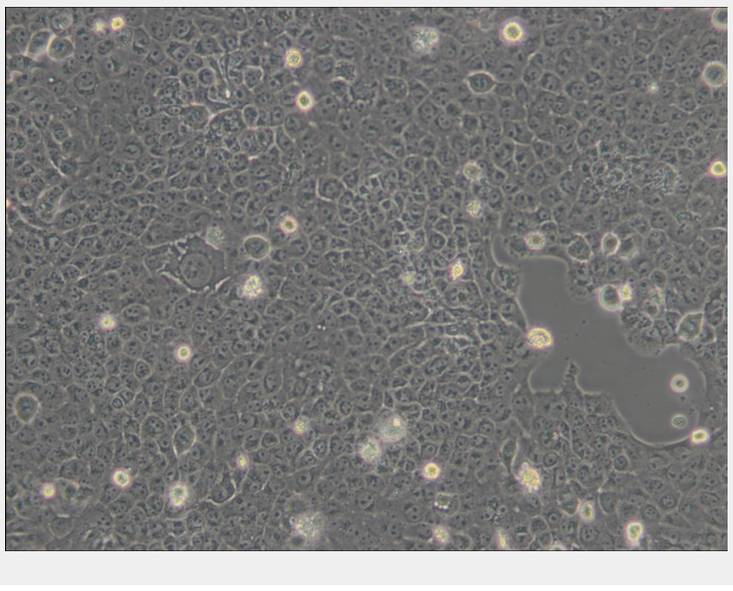

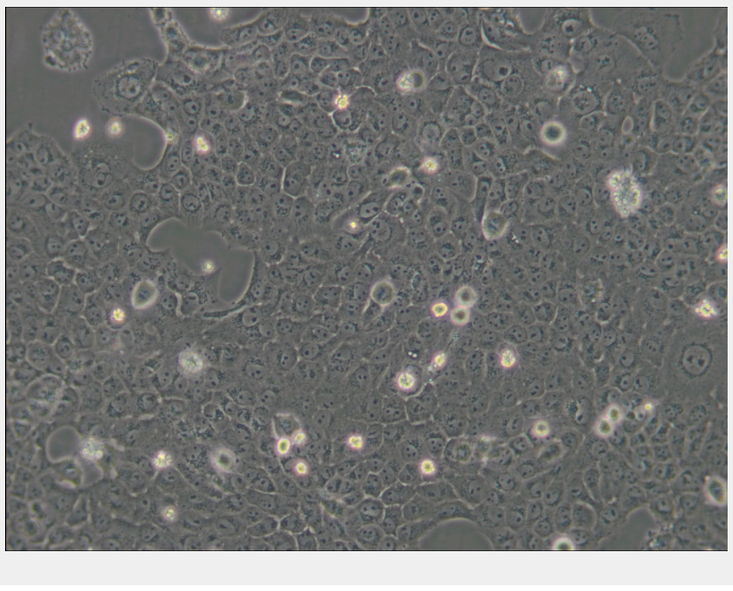

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