

# CAL 27

Catalog No: tcel265



## Available Sizes

**Size:** 1×10<sup>6</sup>cells/t25culturebottle



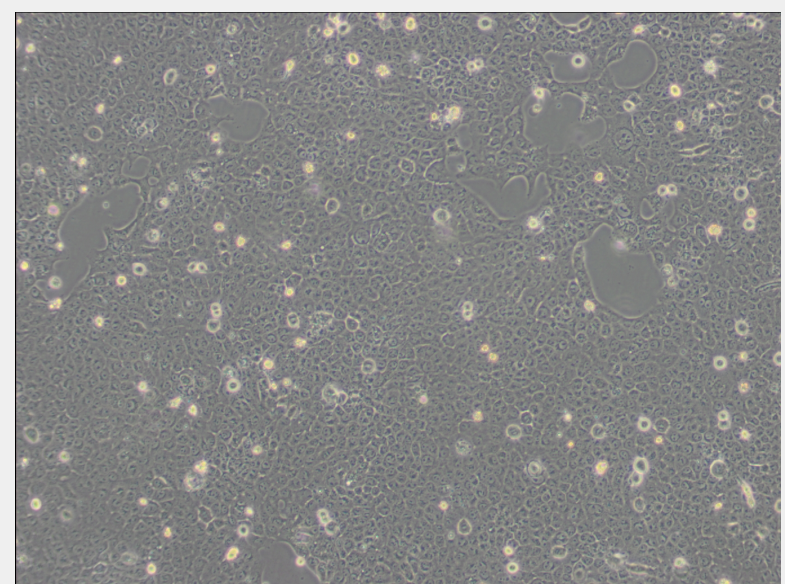
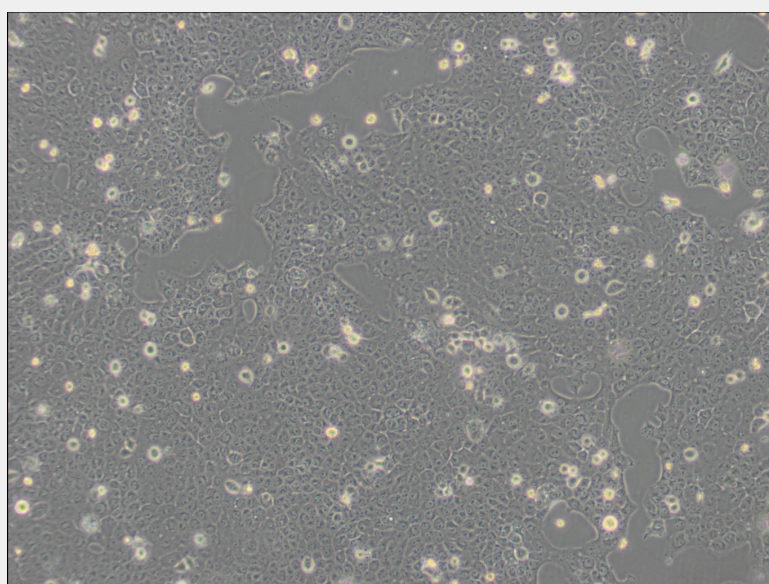
## Specifications

### Subculturing:

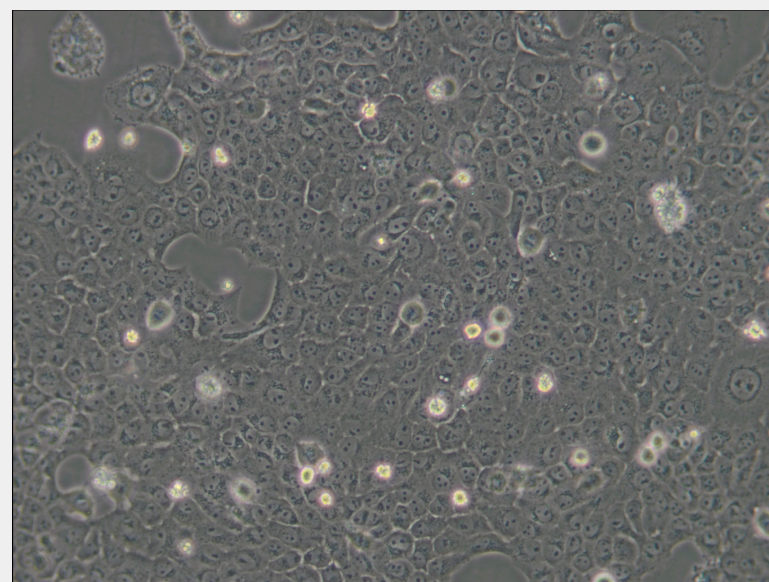
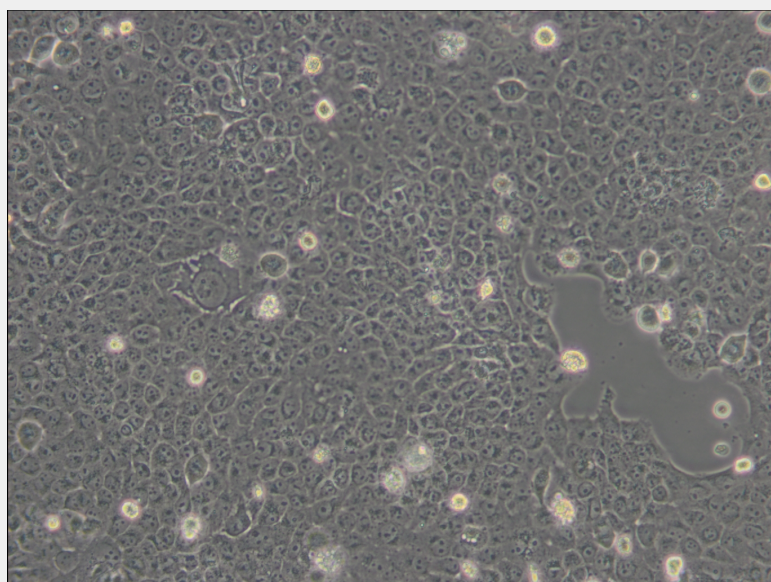
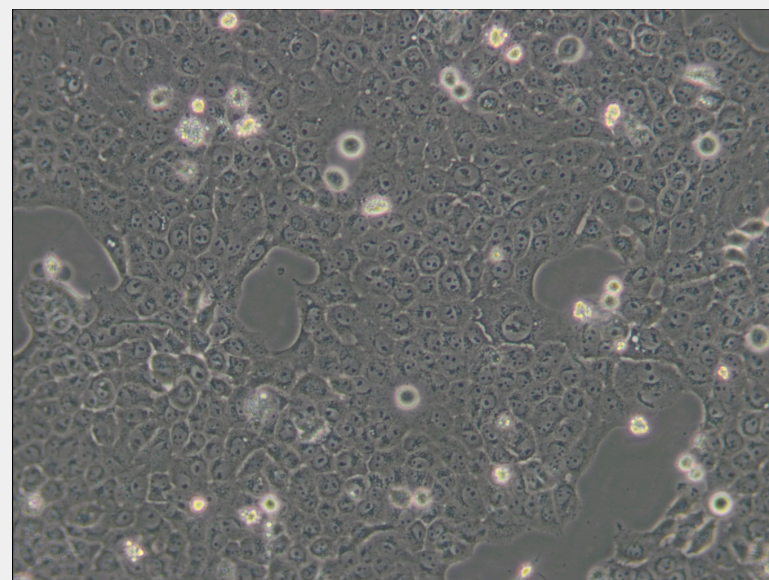
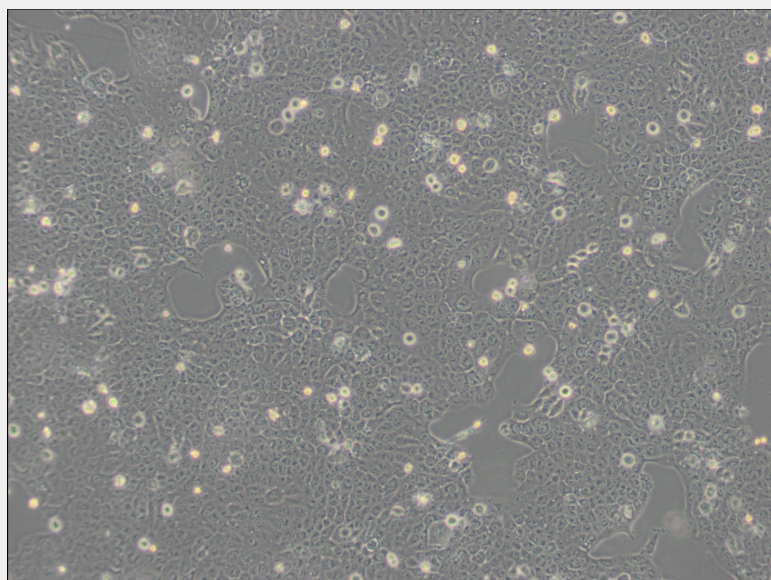
Remove and discard culture medium. Briefly rinse the cell layer with DPBS solution to remove all traces of serum that contains trypsin inhibitor. Add 1.0 to 2.0 mL of Trypsin-EDTA solution to flask and observe cells under an inverted microscope until cell layer is dispersed (usually within 2 to 3 minutes). 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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