

| 305004

**Description** Super Tube epithelial-like MDCK Super Dome MDCK  
Tube trans-epithelial Super Dome MDCK

**Organism** *Mus musculus*

**Tissue** Kidney

**Synonyms** MDCK, MDCK

**Breed/Subspecies** *Mus musculus* *Mus musculus*

**Age** P0-P14

**Gender** Male, Female

**Morphology** Epithelial

**Growth properties** Adherent

**Citation** (Cytion 305004)

**Biosafety level** 1

**NCBI\_TaxID** 9615

**CellosaurusAccession** CVCL\_6453

**Culture Medium** DMEM:Ham's F12 (1:1), w: 3.1, w: 2.5 L-, w: 15 HEPES, w: 0.5

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**Supplements**  FBS 10%

**Dissociation Reagent**

**Subculturing**  PBS  T25

**Seeding density** 1   $3 \times 10^4$  /

**Fluid renewal** 2  3

**Freeze medium**  (  FBS) + 10% DMSO

**Thawing and Culturing Cells**

1.
2.  cryovial  -150
3.  37°C
4.  70%
5.  15
6.  300 x g  3
7.  10
8.

**Incubation Atmosphere** 37°C, 5%  $CO_2$

**Flask Coating**

**Freezing Procedure**

