

Product sheet

MDCK-II | 305233

Description

- II MDCK-II MDCK-II MDCK-II MDCK-II

Organism

Tissue

Disease

Applications

Synonyms MDCK II MDCKII MDCK2 MDCK-2 MDCK II MDCKII-WT

Breed/Subspecies

Age

Gender

Morphology

Cell type

Growth properties

Citation MDCK-II Cytion 305233

Biosafety level 1

NCBI_TaxID 9615

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CellosaurusAccession CVCL_0424

GMO Status

Culture Medium EMEM MEM Eagle w 2 mM L- w 2.2 g/L NaHCO3 w EBSS Cytion 820100a

Supplements 10% FBS 1% NEAA

Dissociation Reagent Accutase

Doubling time 16-20

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Split ratio 1 5

Seeding density 2.5×10^4 /

Fluid renewal 2 3

Freeze medium FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100

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Thawing and
Culturing Cells

- | | | | | | |
|----|---------|--------|-----|-------|-----|
| 1. | | | | | |
| 2. | | -150°C | | | 3 |
| 3. | | 37°C | | 40-60 | |
| 4. | | | 70% | | |
| 5. | | 8 | 15 | | |
| 6. | 300 x g | 3 | | | |
| 7. | 10 | | | T25 | T25 |
| 8. | | | | | |

Incubation
Atmosphere

37°C, 5% CO₂

Flask Coating

Freezing
Procedure

-78 °C

Shipping
Conditions

-78 °C

Storage
Conditions

-150 -196 -80 °C

Sterility

PCR