

MDCK-II | 305233

General information

Description	MDCK-II (MDCK-II) is a cell line derived from the outer layer of the kidney of a dog. It is used for various research purposes, including virology, epithelial transport studies, tight junction research, drug permeability assays, and cell biology.
Organism	Dog
Tissue	Kidney
Disease	Normal kidney epithelium
Applications	Virology; epithelial transport studies; tight junction research; drug permeability assays; cell biology
Synonyms	MDCK II, MDCKII, MDCKII, MDCK2, MDCK-2, MDCK Type II, MDCKII-WT

Characteristics

Breed/Subspecies	Dog (Canis familiaris)
Age	Adult
Gender	Male
Morphology	Epithelial-like
Cell type	Epithelial
Growth properties	Adherent

Identification

Citation	MDCK-II (ATCC CRL-2191) ATCC 305233
Biosafety level	1
NCBI_TaxID	9615

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Thawing and Culturing Cells

1. [Redacted]
2. [Redacted]
3. [Redacted]
4. [Redacted]
5. [Redacted]
6. [Redacted]
7. [Redacted]
8. [Redacted]

Incubation Atmosphere 37 [Redacted]

Flask Coating [Redacted]

Freezing Procedure [Redacted]

Shipping Conditions [Redacted]

Storage Conditions [Redacted]

[Redacted] / [Redacted] / HLA

Sterility [Redacted]