

Caco-2 | 300137

Description	Caco-2				in vitro		Caco2
			Caco-2				TEER
	Caco-2		in vitro				
	Caco-2						

Organism

Tissue

Disease

Applications	GI	/	TEER	Caco-2	2000cm2	TEER	CellZscope nanoAnalytics
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Synonyms	CaCo-2	CACO-2	Caco 2	CACO 2	CACO2	CaCo2	CaCO2	Caco2	Caco-II
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Age	72
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Gender

Ethnicity

Morphology

Growth properties

Citation	CaCo-2 (Cytion	300137)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession CVCL_0025

Receptors expressed Sta EGF I II

Antigen expression O Rh+ HLA II

Isoenzymes Me-2 1 PGM3 1 PGM1 1 ES-D 1 AK-1 1 GLO-1 1 G6PD B

Tumorigenic II

Virus resistance HIV LAV

Ploidy status (P14 4

MSI-status MSS

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

Doubling time 60 70

Subculturing PBS T25 3-5ml T75 5-10ml PBS T25 1-2m

Seeding density 1×10⁴ /cm² 90%

Post-Thaw Recovery 4 24

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Freeze medium

FBS 10 DMSO

CM-1

Thawing and Culturing Cells

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

Incubation Atmosphere

37 5% CO₂

Flask Coating

Freezing Procedure

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Shipping Conditions

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Storage Conditions

-150 -196 80

HLA

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Sterility

PCR

HLA

A*: '02:01:01

B*: '15:01:01

C*: '04:01:01

DRB1*: '04:04:01

DQA1*: '03:01:01

DQB1*: '03:02:01

DPB1*: '04:01:01

E: '01:03:02