

Caco-2 | 300137

Description	Caco-2						Caco2	Caco-2
		Caco-2		TEER				
	Caco-2						Caco-2	
	Caco-2							

Organism	
Tissue	

Disease								
Applications	/	TEER	Caco-2	TEER	2000	CLS	CellZscope	nanoAnalytics

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

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)

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 Accutase

Doubling time 60 70

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

Seeding density $1 \times 10^4 / \text{cm}^2$ 4 90%

Post-Thaw Recovery 4×10^5 24

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Freeze medium		FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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% CO ₂				
Flask Coating						
Freezing Procedure						-78 °C
Shipping Conditions						-78 °C
Storage Conditions		-150	-196	-80 °C		

/ /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