

Product sheet

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

|     |    |
|-----|----|
| Age | 72 |
|-----|----|

Gender

Ethnicity

Morphology

Growth properties

|          |        |        |        |
|----------|--------|--------|--------|
| Citation | CaCo-2 | Cytion | 300137 |
|----------|--------|--------|--------|

**Biosafety level** 1

|            |      |
|------------|------|
| NCBI_TaxID | 9606 |
|------------|------|

## Caco-2 | 300137

**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 NaHCO<sub>3</sub> 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**

<sup>4</sup>  $5 \times 10$  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<sub>2</sub>

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

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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