

Description	Year	Count	Category
MRC-5	1966	14	MRC5
MRC5		1	
MRC5			

Organism

Tissue

Applications

Synonyms	MRC5 MRC 5 MRCV MRC-V	-5
-----------------	-----------------------	----

Age

Gender

Cell type

Growth properties

Citation	MRC-5 Cytion	300395
-----------------	--------------	--------

Biosafety level	1
------------------------	---

NCBI_TaxID	9606
------------	------

CellosaurusAccession CVCL_0440

MRC-5 | 300395

Virus susceptibility SARS 2 (SARS-CoV-2) (COVID-19)

Karyotype MRC5 46

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

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

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% CO₂

Product sheet

MRC-5 | 300395

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

Sterility PCR

HLA
A*: '02:01:01, '29:02:01
B*: '07:02:01, '44:02:01
C*: '05:01:01, '07:02:01
DRB1*: '04:08:01, '15:01:01G
DQA1*: '01:02:01, '03:03:01
DQB1*: '03:01:01, '06:02:01
DPB1*: '04:01:01
E: '01:01:01