

Product sheet

**MRC-5 | 300395**

**General Information**

<b>Description</b>	MRC-5, a continuous cell line derived from a 14 day old embryo in 1966, is a fibroblast cell line that is widely used in research. It is a normal diploid cell line with a karyotype of 46,XX. It is a non-tumorigenic cell line that is suitable for primary cell culture. It is a cell line that is widely used in research. It is a cell line that is widely used in research.
<b>Organism</b>	Human
<b>Tissue</b>	Embryo
<b>Applications</b>	Cell culture, research
<b>Synonyms</b>	MRC5, MRC 5, MRCV, MRC-V, MRC-5, MRC 5, MRCV, MRC-V

**Cell Culture**

<b>Age</b>	14 days
<b>Gender</b>	Female
<b>Cell type</b>	Fibroblast
<b>Growth properties</b>	Adherent

**References**

<b>Citation</b>	MRC-5 (ATCC CCL-17) Cytion 300395
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellSaurusAccession</b>	CVCL_0440

**Additional Information**

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

**Karyotype** MRC5 46

**Media**

**Culture Medium** EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS (Cytion 820100a)

**Supplements** 10% FBS 1% NEAA

**Dissociation Reagent**

**Subculturing** PBS T25, 3-5 x PBS, 3

**Freeze medium** (FBS) + 10% DMSO

**Thawing and Culturing Cells**

- 1. ...
- 2. ... -150°C ...
- 3. ... 37 ...
- 4. ... 70% ...
- 5. ... 15 x 8 x ...
- 6. ... 300 x g 3 ...
- 7. ... 10 x ...
- 8. ...

**Incubation Atmosphere** 37°C, 5% CO2

