

Product sheet

MRC-9 | 300394

General Information

Description MRC-9 is a cell line derived from a human embryo. It is a fibroblast cell line that is used for research in stem cell biology and regenerative medicine. MRC-9 cells are characterized by their ability to differentiate into various cell types, including neurons, cardiomyocytes, and hepatocytes. The cell line is maintained in culture and is available for research purposes.

Organism Human

Tissue Fibroblast

Synonyms MRC9, MRC-9, MRC9, MRC-9, MRC9, MRC-9

Characteristics

Age 1-2 years

Gender Male

Cell type Fibroblast

Growth properties Adherent

References

Citation MRC-9 (ATCC CCL-22) (300394)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_2629

Media and Reagents

Culture Medium

EMEM (MEM Eagle) 2x, 20% FBS, 2.2 mM NaHCO3, EBSS (820100a)

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Supplements XXXXX XXX XXXXX 10% XXX XXXXX XXXXX XXXXXXXXXXXX 1% XXX XXX XXXXXXXXXXXX XXXXXXXXXXXX

Dissociation Reagent XXXXXXX

Subculturing XXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX PBS XXXXX XXXXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXXXXXX (XXXX XXX XXX FBS) + 10% DMSO XXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Thawing and Culturing Cells

1. XXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXXXXXXXXXXX XXX XXX XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
2. XXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX -150 XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX
3. XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXXXXXX 37 XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX
4. XXXXXXX XXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX 70% XXX XXXXXXXXXXXX XXXXXXXXXXXX
5. XXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXX XXXXXXX XXX XXXXXXX XXXXXXX 15 XXX XXXXXXX XXXXXXX 8 XXX XXX XXXXXXXXXXXX XXXXXXXXXXXX
6. XXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXX 300 × XXX XXXXXXX 3 XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX
7. XXXXXXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXX XXX 10 XXX XXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX
8. XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXXXXXXX XXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX

Incubation Atmosphere 37 XXXXXXX XXXXXXXXXXXX XXX XXX XXXXXXX XXXXXXX

Flask Coating XXX XXX

Freezing Procedure XXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX -78

Shipping Conditions XXXXX XXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXX XXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXX XXXXXXX XXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX XXXXXXXXXXXX -78

