

Product sheet

MEL-CLS-3 | 300293

General information

Description	MRI-H-221
Organism	
Tissue	
Disease	
Synonyms	MRI-H-221

Characteristics

Age	
Gender	
Ethnicity	
Growth properties	

Identification

Citation	MEL-CLS-3 (300293)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_6002

Protein expression

Protein expression	P53(+)
Tumorigenic	

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Viruses 3x PVM, LCM, M.Pulmo

Mutational profile BRAF V600E

XXXXXXXXXX

Culture Medium DMEM 4.5, 4, 3.7, NaHCO3 1.0

Supplements 10% FBS

Dissociation Reagent XXXXXX

Subculturing PBS

Seeding density 1×10^4

Fluid renewal 3

Post-Thaw Recovery 48

Freeze medium (FBS) + 10% DMSO

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Thawing and Culturing Cells

1. Thaw the cells rapidly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in pre-warmed medium.
3. Seed the cells into a pre-warmed flask containing 37 mL of pre-warmed medium.
4. Incubate the cells at 37°C in a humidified atmosphere with 70% relative humidity.
5. Monitor the cells daily under a microscope. Harvest the cells when they reach 80-90% confluency.
6. Harvest the cells by trypsinization. Seed the cells into a new flask containing 37 mL of pre-warmed medium.
7. Incubate the cells at 37°C in a humidified atmosphere with 70% relative humidity.
8. Harvest the cells by trypsinization. Seed the cells into a new flask containing 37 mL of pre-warmed medium.

Incubation Atmosphere

37°C, 5% CO₂, 70% relative humidity

Flask Coating

Flasks should be coated with the appropriate coating solution before use.

Freezing Procedure

Cells should be frozen in a freezing medium and stored at -80°C.

Shipping Conditions

Cells should be shipped at -80°C.

Storage Conditions

Cells should be stored at -150°C to -196°C.

HLA

Sterility

Cells are provided in a sterile, cryoprotective medium (PCR) and are ready for use.