

Product sheet

ZR-75-1 | 300163

General information

Description	Cell line derived from a patient with melanoma in 1978 by Engel et al. (1978) [1].
Organism	Human
Tissue	Melanoma
Disease	Melanoma
Metastatic site	Unknown
Synonyms	Zr-75-1, ZR751, ZR75-1, ZR75.1, ZR75_1

Cell characteristics

Age	63 years
Gender	Male
Ethnicity	Unknown
Morphology	Epithelial
Growth properties	Adherent, growing in monolayers

References and identifiers

Citation	ZR-75-1 (Cytion 300163)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0588

Enzymes and substrates

Isoenzymes	G6PD, B
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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not shake the vial. Transfer the cells to a pre-warmed medium.
2. Centrifuge the cells at 300 x g for 3 minutes. Resuspend the cells in 15 µl of medium.
3. Seed the cells into a 96-well plate (15 µl per well) or a 24-well plate (8 µl per well).
4. Incubate the cells at 37°C with 5% CO₂ in a humidified atmosphere.
5. After 24 hours, check the cell viability. If the cell viability is < 70%, the cells are not viable.
6. If the cell viability is < 70%, the cells are not viable. Discard the cells.
7. If the cell viability is > 70%, the cells are viable. Proceed with the experiment.
8. The cells are now ready for use in your experiment.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating No

Freezing Procedure Freeze the cells in a vial with 150 µl of freezing medium. Store at -80°C.

Shipping Conditions Ship the cells at -80°C.

Storage Conditions Store the cells at -150 °C for 196 days.

HLA

Sterility The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

████████ ZR-75-1 | 300163

████████ HLA

A*: 11:01:01
B*: '35:01:01
C*: 04:01:01, 11:03
DRB1*: 01:01:01
DQA1*: 01:01:01
DQB1*: 05:01:01
DPB1*: 09:01:01
E: 01:01:01