

Product sheet

XXXX RPMI 8226 | 300431

XXXXXXXX XXXX-XXXXXXXXXXXX

Antigen expression	HLA Aw19, B15, B37, Cw2
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Isoenzymes	G6PD, A
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Reverse transcriptase	XXXXXX
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Products	XXXXXX XXXX XX XXXXXXXXXXXXXXXX
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XXXXXXXX

Culture Medium	RPMI 1640, w: 2.0 mM XXXXXXXX XXXXX, w: 2.0 g/L NaHCO3 (XXXXX XXXXXXXX XXX Cytion 820700a)
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Supplements	XXXXX XXXXXXX 10% FBS
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Dissociation Reagent	XXXXXX
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Subculturing	XXXXX XX XXXX XXXXXXX XXXXXXX XX 15 ' XXXXX XXXXXXX XX XXXXXXX XXXXXXX XX PBS XXX XXXX XXXXXXX (XXXXXX 3-5 ' XXXX XXXX XXXXXXX)
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Split ratio	XXXXXX XXXXXXX XXXX XX 1:2 XX 1:4
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Seeding density	XXXXX XX 5 XXXXXXXXXXXXXXX 6 XXXXXXX XXXXXXX XXXXXXX XXXX 1-2 x 10
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Fluid renewal	2 XX 3 XXXXXXX XXXXXXX
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Post-Thaw Recovery	XXXXX XXXXXXX, XX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXX 24 XXXX XXXXXXX
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Freeze medium	XXXXXX XXXXXXX XXXXXXX, XX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXX XXXXXXX, XXX C
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**Thawing and
Culturing Cells**

1. **Thawing:** Thaw the cells quickly in a water bath at 37°C. Transfer the cells to a pre-warmed medium.
2. **Centrifugation:** Centrifuge the cells at 300 x g for 5 minutes at 4°C. Remove the supernatant and resuspend the cells in pre-warmed medium.
3. **Seeding:** Seed the cells into a pre-warmed medium. The cells should be seeded at a density of 37 cells per well.
4. **Media Change:** After 24 hours, change the medium to fresh pre-warmed medium. The medium should be changed every 70%.
5. **Incubation:** Incubate the cells at 37°C in 5% CO₂ atmosphere. The cells should be incubated for 15 days.
6. **Harvesting:** Harvest the cells by centrifugation at 300 x g for 5 minutes. The cells should be harvested at 15 days.
7. **Analysis:** Analyze the cells by flow cytometry. The cells should be analyzed at 15 days.
8. **Storage:** Store the cells at -80°C. The cells should be stored for 15 days.

**Incubation
Atmosphere**

37°C, 5% CO₂, humidified

Flask Coating

Yes

**Freezing
Procedure**

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

**Shipping
Conditions**

Cells should be shipped in a cooling box and stored at -80°C.

**Storage
Conditions**

Cells should be stored at -150 °C for 196 hours.

Sterility

Cells are sterile and free of mycoplasma. PCR analysis confirmed the absence of mycoplasma. Cells are free of endotoxins and other contaminants.

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XXXXXX STR

Amelogenin: x,x
CSF1PO: 12
D13S317: 11
D16S539: 9
D5S818: 11,13
D7S820: 9,1
TH01: 8
TPOX: 8,11
vWA: 16,18
D3S1358: 16,17
D21S11: 28,29
D18S51: 15,19
Penta E: 16,17
Penta D: 2.2,11
D8S1179: 13
FGA: 19

XXXXXX HLA

A*: '30:01:01, '68:02:01
B*: 15:03:01, 15:10:01
C*: 02:10:01, 03:04:02
DRB1*: 03:01:01, 07:01:01
DQA1*: '02:01:01, '05:01:01
DQB1*: '02:01:01, '02:02:01
DPB1*: '01:01:02G, '13:01:01G
E: '01:01:01, '01:03