

# Cell Culture

## ● Cell Culture Medium

- » Animal origin-free
- » Sterility tested for bacteria, fungus and mycoplasma
- » Endotoxin tested
- » pH 7.1-7.5



## Ordering Information

| Product Name   | Storage | Product No. | PKG Size            |
|--|---------|-------------|---------------------|
| DMEM (1.0g/l Glucose) with L-Gln and Sodium Pyruvate, liquid                         | R       | 08456-65    | 500 ml              |
|  |         | 08456-36    | 10 bottles x 500 ml |
| DMEM (1.0g/l Glucose) with Sodium Pyruvate, without L-Gln and Phenol Red, liquid     | R       | 08490-05    | 500 ml              |
| DMEM (4.5g/l Glucose) with L-Gln and HEPES, without Sodium Pyruvate, liquid          | R       | 08457-55    | 500 ml              |
| DMEM (4.5g/l Glucose) with L-Gln and Sodium Pyruvate, liquid                         | R       | 08458-45    | 500 ml              |
|  |         | 08458-16    | 10 bottles x 500 ml |
| DMEM (4.5g/l Glucose) with L-Gln, without Sodium Pyruvate, liquid                    | R       | 08459-35    | 500 ml              |
|  |         | 08459-64    | 10 bottles x 500 ml |
| DMEM (4.5g/l Glucose) without L-Gln, Sodium Pyruvate and Phenol Red, liquid          | R       | 08489-45    | 500 ml              |
| DMEM (4.5g/l Glucose) without L-Gln and Sodium Pyruvate, liquid                      | R       | 08488-55    | 500 ml              |
| DMEM (4.5g/l Glucose) with Sodium Pyruvate, without L-Gln, liquid                    | R       | 11584-85    | 500 ml              |
| DMEM (4.5g/l Glucose) with HEPES, without L-Gln and Sodium Pyruvate, liquid          | R       | 11585-75    | 500 ml              |
| DMEM (No Glucose) with L-Gln, without Sodium Pyruvate, liquid                        | R       | 09891-25    | 500 ml              |
| DMEM/Ham's F-12 with L-Gln, Sodium Pyruvate and HEPES, liquid                        | R       | 08460-95    | 500 ml              |
| DMEM/Ham's F-12 with L-Gln, Sodium Pyruvate and HEPES, without Phenol Red, liquid    | R       | 05177-15    | 500 ml              |
| DMEM/Ham's F-12 with L-Gln and Sodium Pyruvate, without HEPES, liquid                | R       | 11581-15    | 500 ml              |
| DMEM/Ham's F-12 with L-Gln and Sodium Pyruvate, without HEPES and Phenol Red, liquid | R       | 11582-05    | 500 ml              |
| DMEM/Ham's F-12 with Sodium Pyruvate and HEPES, without L-Gln, liquid                | R       | 11583-95    | 500 ml              |
| DMEM/Ham's F-12 (No Glucose) with L-Gln and Sodium Pyruvate, liquid                  | R       | 09893-05    | 500 ml              |
| IMDM with L-Gln and HEPES, liquid (Iscove's Modified Dulbecco's Medium)              | R       | 11506-05    | 500 ml              |
| Ham's F-12 with L-Gln, liquid  | R       | 17458-65    | 500 ml              |
| MEM with Earle's Salts and L-Gln, liquid   | R       | 21442-25    | 500 ml              |
| MEM with Earle's Salts, L-Gln and Non-Essential Amino Acids, liquid                  | R       | 21443-15    | 500 ml              |
| MEM (No Glucose) with Earle's Salts, L-Gln and Non-Essential Amino Acids, liquid     | R       | 09848-05    | 500 ml              |
| α-MEM with L-Gln, Ribonucleosides and Deoxyribonucleosides, liquid                   | R       | 21444-05    | 500 ml              |
| α-MEM with L-Gln, without Ribonucleosides and Deoxyribonucleosides, liquid           | R       | 21445-95    | 500 ml              |
| RPMI 1640 with L-Gln and HEPES, liquid   | R       | 30263-95    | 500 ml              |
| RPMI 1640 with L-Gln, liquid   | R       | 30264-85    | 500 ml              |
|  |         | 30264-56    | 10 bottles x 500 ml |
| RPMI 1640 with L-Gln, without Phenol Red, liquid                                     | R       | 06261-65    | 500 ml              |
| RPMI 1640 with L-Gln, liquid   | R       | 05176-25    | 500 ml              |
| RPMI 1640 (No Glucose) with L-Gln, liquid  | R       | 09892-15    | 500 ml              |

[Storage]R = Refrigerator

## ● Antibiotics

### Ordering Information

| Product Name  | Application  | Storage | Product No.                                  | PKG Size                     |
|---|--|---------|--|------------------------------|
| Actinomycin D Solution (1mg/ml)   | Other Antibiotics  | F       | 00393-41                                     | 1 ml                         |
| Antibiotic-Antimycotic Mixed Stock Solution (100x)  | Bacteria, Fungal, Yeast                                      | F       | 02892-54                                     | 100 ml                       |
| Antibiotic-Antimycotic Mixed Stock Solution (100x) (Stabilized)   | Bacteria, Fungal, Yeast                                      | F       | 09366-44                                     | 100 ml                       |
| Colcemid Solution (10 µg/ml)  | Other Antibiotics  | R       | 09356-74                                     | 10 ml                        |
| G 418 Disulfate   | Selection Antibiotics  | RT      | 16512-36<br>16512-81<br>16512-94<br>16512-52 | 250 mg<br>1 g<br>5 g<br>25 g |
| G 418 Disulfate   | Selection Antibiotics  | RT      | 08973-01<br>08973-14                         | 1 g<br>5 g                   |
| G 418 Disulfate Aqueous Solution  | Selection Antibiotics  | R       | 09380-86<br>09380-44                         | 20 ml<br>100 ml              |
| Gentamicin Sulfate  | Bacteria/Mycoplasma  | R       | 08975-81<br>08975-94                         | 1 g<br>5 g                   |
| Gentamicin Sulfate Solution (10 mg/ml)  | Bacteria/Mycoplasma  | R       | 16672-04                                     | 10 ml                        |
| Hygromycin B  | Selection Antibiotics  | R       | 07296-66<br>07296-11<br>07296-24             | 100 mg<br>1 g<br>5 g         |
| Hygromycin B Solution   | Selection Antibiotics  | R       | 09287-84                                     | 20 ml                        |
| Kanamycin Monosulfate   | Selection Antibiotics  | RT      | 08976-71<br>08976-84                         | 1 g<br>5 g                   |
| Mitomycin C Solution (1 mg/ml)  | Other Antibiotics  | F       | 20898-21                                     | 1 ml                         |
| Penicillin-Streptomycin Mixed Solution  | Bacteria (Gram-positive bacteria/<br>Gram-negative bacteria) | F       | 26253-84                                     | 100 ml                       |
| Penicillin 10,000 unit/ml, Streptomycin 10,000 µg/ml  |  |         |  |                              |
| Penicillin-Streptomycin-Glutamine Mixed Solution  | Bacteria (Gram-positive bacteria/<br>Gram-negative bacteria) | F       | 06168-34                                     | 100 ml                       |
| Penicillin 10,000 unit/ml, Streptomycin 10,000 µg/ml, L-Glutamine 29.2 mg/ml,<br>Sodium Chloride 0.14%, Citrate Buffer Solution 10 mM |  |         |  |                              |
| Penicillin-Streptomycin Mixed Solution (Stabilized)   | Bacteria (Gram-positive bacteria/<br>Gram-negative bacteria) | F       | 09367-34                                     | 100 ml                       |
| Penicillin 10,000 unit/ml, Streptomycin 10,000 µg/ml  |  |         |  |                              |
| Penicillin-Streptomycin Mixed Solution  | Bacteria (Gram-positive bacteria/<br>Gram-negative bacteria) | F       | 26252-94                                     | 100 ml                       |
| Penicillin 5,000 unit/ml, Streptomycin 5,000 µg/ml  |  |         |  |                              |
| Streptomycin Sulfate  | Gram-negative bacteria                                       | R       | 32204-34<br>32204-92                         | 5 g<br>25 g                  |

[Storage] RT = Room temperature, R = Refrigerator, F = Freezer

## cell culture ingredients

| AMINO ACIDS AND THEIR SALTS       |            |           | BOOSTERS   |             |           |
|-----------------------------------|------------|-----------|--|-------------|-----------|
|                                   | CAS No.    | GMP grade |  | CAS No.     | GMP grade |
| Glycine                           | 56-40-6    | ●         | cQrex™ AQ<br>(L-Alanyl-L-glutamine)                  | 39537-23-0  | ●         |
| L-Alanine                         | 56-41-7    | ●         | cQrex™ GQ<br>(Glycyl-L-glutamine<br>hydrate)         | 211446-46-7 | ●         |
| L-Arginine-L-aspartate            | 7675-83-4  | ●         | cQrex™ GY<br>(Glycyl-L-tyrosine<br>dihydrate)        | 39630-46-1  | ●         |
| L-Asparagine<br>monohydrate       | 5794-13-8  | ●         | cQrex™ AAQ<br>(N-Acetyl-L-alanyl-<br>L-glutamine)    | 121574-43-4 |           |
| L-Aspartic acid                   | 56-84-8    | ●         | L-Alanyl-L-proline                                   | 13485-59-1  |           |
| L-Glutamic acid                   | 56-86-0    | ●         | cQrex™ Carnosine<br>( $\beta$ -L-alanyl-L-histidine) | 305-84-0    |           |
| L-Isoleucine                      | 73-32-5    | ●         | cQrex™ AKG<br>( $\alpha$ -Ketoglutaric acid)         | 328-50-7    | ●         |
| L-Leucine                         | 61-90-5    |           |  |             |           |
| L-Lysine hydrochloride            | 657-27-2   | ●         |  |             |           |
| L-Lysine-L-aspartate              | 27348-32-9 |           |  |             |           |
| L-Lysine-L-glutamate<br>dihydrate | 5408-52-6  | ●         |  |             |           |
| L-Lysine-L-malate                 | 71555-10-7 | ●         |  |             |           |
| L-Lysine<br>monohydrate           | 39665-12-8 | ●         |  |             |           |
| L-Methionine                      | 63-68-3    | ●         |  |             |           |
| L-Proline                         | 147-85-3   | ●         |  |             |           |
| L-Serine                          | 56-45-1    | ●         |  |             |           |
| L-Threonine                       | 72-19-5    | ●         |  |             |           |
| L-Tryptophan                      | 73-22-3    | ●         |  |             |           |
| L-Valine                          | 72-18-4    | ●         |  |             |           |
| Potassium L-<br>glutamate hydrate | 6382-01-0  | ●         |  |             |           |

Cryopreservative Medium (Serum type)

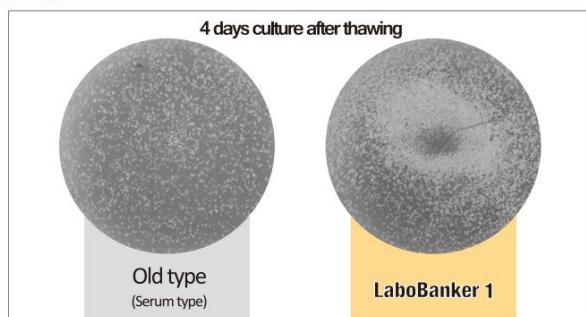
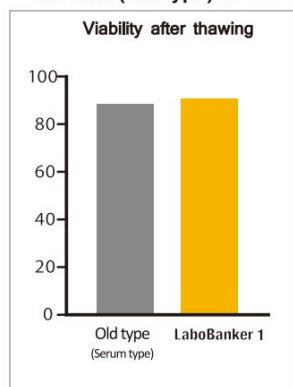
# LaboBanker 1

- LaboBanker 1 is containing bovine serum and 10%DMSO.
- LaboBanker 1 is applicable to various kinds of cells.



## Freezing intolerant cell

■ HL60 cells cultured in serum media were frozen in LaboBanker 1 or other cryopreservative medium (Old type) at -80°C for 1 week.



When HL60 cells, the famous freezing intolerant cells, were frozen in other serum-free cryopreservation medium at -80° C, the cells were alive just after thawing (left figure, old type) but proliferated slowly (right figure, old type). On the other hand, the cells frozen in LaboBanker 1 were alive just after thawing and proliferated quickly (right figure, LaboBanker 1).

Cryopreservative Medium (Serum-Free type)

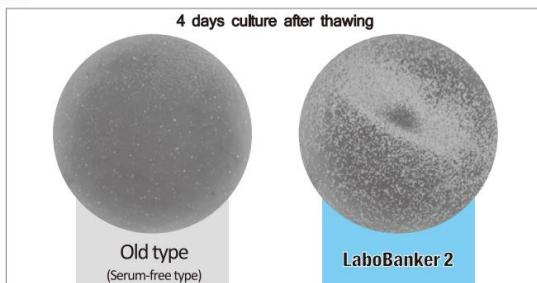
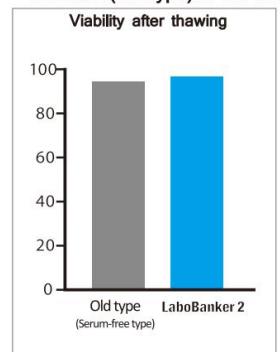
# LaboBanker 2

- LaboBanker 2 is proteins and bovine serum free.
- LaboBanker 2 is containing bovine serum and 10%DMSO.
- LaboBanker 2 is applicable to various kinds of cells, especially the cells cultured in serum-free media .



## Freezing intolerant cell

■ HL60 cells cultured in serum media were frozen in LaboBanker 2 or other serum-free cryopreservative medium (Old type) at -80°C for 1 week.

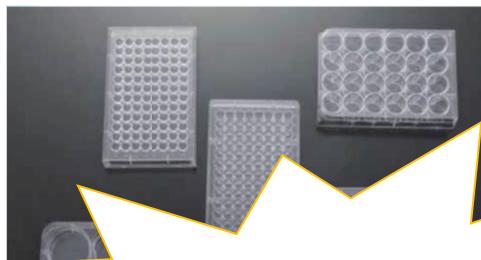


When HL60 cells, the famous freezing intolerant cells, were frozen in other serum-free cryopreservation medium at -80° C , the cells were alive just after thawing (left figure, old type) but thet died within 4 days (right figure, old type). On the other hand, the cells frozen in LaboBanker 2 were alive just after thawing and proliferated at day4 (right figure, LaboBanker 2).

# 實驗室耗材



| 規格                         | 包裝        |
|----------------------------|-----------|
| 1000ul 微量吸頭, for Eppendorf | 500 支/PK  |
| 200ul 微量吸頭, for Eppendorf  | 1000 支/PK |
| 1000ul 微量吸頭, for Gilson    | 500 支/PK  |
| 200ul 微量吸頭, for Gilson     | 1000 支/PK |



(全台最低價)

\$8,000/2 箱

| 規格(孔) | 表面處理   | 包裝      |
|-------|--------|---------|
| 6     | Y or N | 100 個/箱 |
| 12    | Y or N | 100 個/箱 |
| 24    | Y or N | 100 個/箱 |
| 48    | Y or N | 100 個/箱 |
| 96    | Y or N | 100 個/箱 |



| 品號    | 規格   | 滅菌    | 個/包 |
|-------|------|-------|-----|
| NB-CL | 50ml | EO    | 25  |
| SB-CL | 50ml | Gamma | 25  |

## PVDF Hydrophilic Membrane

| P/N            | Packing | Des.  |
|----------------|---------|---|
| SF13-PVDF-22LP | 100/PK  | 13mm PVDF Hydrophilic Welded Syringe Filter 0.22um, with printing |
| SF13-PVDF-45LP | 100/PK  | 13mm PVDF Hydrophilic Welded Syringe Filter 0.45um, with printing |
| SF25-PVDF-22LP | 100/PK  | 25mm PVDF Hydrophilic Welded Syringe Filter 0.22um, with printing |
| SF25-PVDF-45LP | 100/PK  | 25mm PVDF Hydrophilic Welded Syringe Filter 0.45um, with printing |

(全台最低價)

\$5,000/5 盒



# Stem Cell

## (Medium, 特殊培養皿, Biomaterial, 實驗室耗材與設備)

### ■ Primate ES Cell Medium 灵长类 ES 细胞用培地



#### ヒト ES/iPS 細胞培養のゴールドスタンダード

- 京都大学 山中教授がヒト iPS 細胞の樹立及び培養で使用 (Cell 131, 1-12 (2007))
- 2005 年販売以来、100 施設以上 (2011 年 11 月) の使用実績
- 血清不含

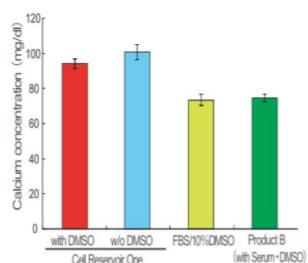
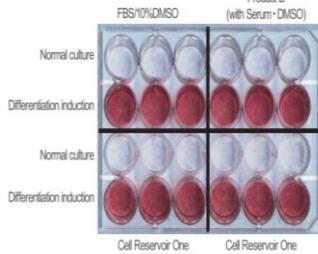
### ■ ReproStem



#### 経済的なヒト ES/iPS 細胞用培地

- お求め安い価格
- 「靈長類 ES 細胞用培地」と同様安定した培養実績
- 血清不含

### Human Mesenchymal Stem Cell (hMSC): Bone Differentiation



### CareLifeTECH-P

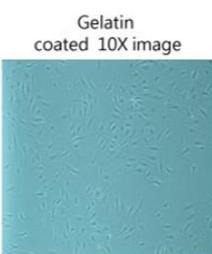
### CareLifeTECH-S

### CareLifeTECH-G

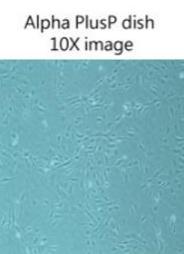
|    |   |  |                       |
|----|---|--|-----------------------|
| 特點 | 1. 取代披覆膠原蛋白的培養皿<br>2. 培養primary cell、liver cell、blood vessel cell、stem cell | 1. 低蛋白吸附、懸浮培養用<br>2. 培養embryonic cell、neurospheres cell、Lymphocytes、Tumorspheres cell etc. | 1. 培養後可在confocal下清晰觀察 |
|    | Dishes、Plates、Flasks  | Dishes、Plates、Flasks   | Dishes                |



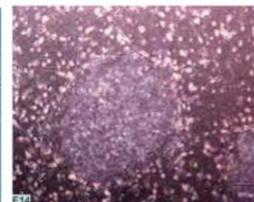
human macrophage  
人巨噬细胞



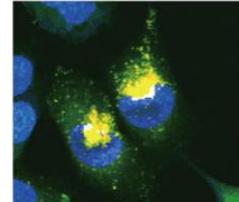
Gelatin  
coated 10X image



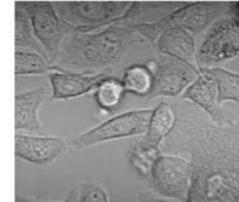
Alpha PlusP dish  
10X image



hESC culture  
人胚胎幹細胞培養



lung small cell cancer NCI-H1299  
肺小细胞癌



乙肝病毒 PreS2-DIC

# CareLifeTECH™

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We, Carelife Technology Corp, are professional & responsible team in the biotechnology market. We can be your trusty & strong partner for business development in Taiwan. We provide biomaterial, protein purification, biomedical instrument, medical plastics in the market. Our team members include RD, sales, marketing, finance, law. We would like to serve you at any moment.

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