



## Empower your health with the power of cell regeneration

### About BloomStem

BloomStem™ is a brand of cell culture medium products under the regenerative medicine segment of Bloomage Biotech. We always focus on expanding research in the field of life sciences, with advanced medium production technology as a starting point, rapid response to scientific research institutions, medical institutions, biomedical enterprises to provide cutting-edge international high-functioning products and high-quality customized services.

Bloomage Biotech Sci-Tech Industrial Park in Mei'an, Haikou, has built an intelligent factory in accordance with Industry 4.0 standards, and the regenerative medicine production plant is built in accordance with GMP standards, and produces culture medium products in accordance with ISO13485 standards. BloomStem™ is committed to providing you with customized services for your experimental and production needs, and to customize the composition, dosage form and packaging to meet your needs, and at the same time, provide complete product formulations and quality inspection reports. BloomStem™ is committed to providing you with customized services for your experimental and production needs, customizing ingredients, dosage forms and packaging for your needs, and providing complete product formulations and quality inspection reports.



#### Suitable for R&D and Industry

- For in vitro culture of cells or tissues
- For scientific research and mass production



#### Customized Culture Medium Available

- Liquid medium: 100-800L/batch
- Powder medium: 20~300kg/batch



#### High Standard System Management

- Compliance with ISO 13485 standards
- Compliance with medical device standards
- Industry 4.0 intelligent production base



#### Strict Quality Control

- pH value
- Sterility
- Osmolality
- Endotoxin

## Basic Culture Medium Product Line

Dulbecco's Modified Eagle Medium (DMEM) and Roswell Park Memorial Institute (RPMI) 1640 are widely used basal medium for all customers culturing mammalian cells. DMEM medium can be used to culture primary fibroblasts, neurons, glial cells, HUVEC, smooth muscle cells, as well as HeLa, 293, Cos-7, PC-12 and other cell lines. RPMI 1640 is suitable for the cultivation of HeLa, Jurkat, MCF-7, PC12, PBMC, astrocytes and cancer cells.



Catalog Number	Product Name
80440	DMEM, high glucose, glutamine, sodium pyruvate, phenol red, w/o HEPES
80401	DMEM, w/o glucose
80404	DMEM, w/o glucose, w/o glutamine, w/o phenol red
80407	DMEM, low glucose, pyruvate, w/o glutamine, w/o phenol red
80410	DMEM, low glucose, pyruvate, HEPES
80413	DMEM, low glucose, pyruvate
80416	DMEM, high glucose
80419	DMEM, high glucose, HEPES
80422	DMEM, high glucose, HEPES, w/o phenol red
80425	DMEM, high glucose, w/o glutamine
80428	DMEM, high glucose, w/o glutamine, w/o phenol red
80431	DMEM, high glucose, w/o phosphates
80434	DMEM, high glucose, pyruvate
80437	DMEM, high glucose, pyruvate, w/o glutamine
80443	DMEM, high glucose, w/o glutamine, w/o methionine, w/o cystine
80446	DMEM, high glucose, w/o glutamine, w/o calcium
80449	DMEM, powder, low glucose, pyruvate
80452	DMEM, powder, high glucose
80455	DMEM, powder, high glucose, pyruvate
80400	DMEM, customized

Catalog Number	Product Name
80471	RPMI 1640, L-glutamine, sodium bicarbonate, phenol red, w/o HEPES
80474	RPMI 1640, L-glutamine, phenol red, w/o HEPES
80477	RPMI 1640, w/o glutamine
80480	RPMI 1640, w/o glucose
80483	RPMI 1640, w/o folic acid
80486	RPMI 1640, w/o phenol red
80470	RPMI 1640, customized

## Cell Gene Therapy Product Line

This pipeline introduces the leading AOF MSC culture medium manufacturing technology from ROHTO Pharmaceutical and BioMimetics Sympathies, which supports the culture of MSCs as well as the production of exosomes for the high secretion of MSCs.

Catalog No.	Product name
80103	MSC Expansion AOF Medium, L-Glutamine, w/o phenol red
80104	MSC Expansion AOF Medium, L-Glutamine, phenol red
80501/80502	Cell Adhesion Solution

### Bloomage Biotechnology (Hainan) Co.,Ltd.

Add: No. 33 Ankang Street, Mei'an Ecological Technology New Town,  
Haikou National High-tech Industrial Development Zone, Haikou, Hainan, China  
Tel: 010-85670099-8012  
Email: [contact@houyuanbiotech.com](mailto:contact@houyuanbiotech.com)



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