

McCoy's 5A Dry Powder Media

Cat# CM1043– 1 L/ CM1044—1 L*10

Storage at 4 °C

INTRODUCTION

McCoy's 5A medium was initially used specifically for the culture of Novikoff Hepatoma cells. Unlike other medium, McCoy's 5A medium contains reduced glutathione, bacterial peptone and high concentrations of glucose. McCoy's 5A is widely used in the culture of primary cells, such as bone marrow, skin, gingiva, kidney, spleen, lung, rat embryo, omentum and so on. In addition, McCoy's 5A medium is also used for tissue biopsy culture, the establishment of cell line, and the culture of some lymphocytes and more difficult cells. This product contains many kinds of amino acids, vitamins, inorganic salts and other ingredients for cell culture, but does not contain protein, lipids or any growth factors. Therefore, the product should be used with growth factors, Fetal Bovine Serum (FBS), Specsure® Bovine Growth Serum or serum-free additives. McCoy's 5A Dry Powder Media does not contain sodium bicarbonate, therefore adding 2.2 g sodium bicarbonate is needed for a 5% CO₂ environment to maintain physiological pH.

Sterility	Sterile-filtered
Form	Powder
Application(s)	Cell culture/ mammalian: suitable
Impurities	Endotoxin, tested
Brand	ACE Biolabs
Components	HEPES (-) Sodium bicarbonate (-) L-glutamine (1.5 mM) D-glucose (3000 mg/L) Phenol red (10 mg/l) Sodium pyruvate (-)
Storage temp	2-8 °C

CONTENTS

No	Component	CM1043– 1 L	CM1044—1L*10
	McCoy's 5A Dry Powder Media	1 pack	1L x 10 packs

NOTES

1. 1L McCoy's 5A medium can be prepared.
2. Dissolve the McCoy's 5A Powder with ultrapure water for cell culture.
3. Add **2.2 g sodium bicarbonate** and dissolve fully.
4. (Optional) Adjust pH with 1M NaOH solution or 1M HCl solution.
5. Add ultrapure water for cell culture to the final volume of 1L.
6. The prepared solution should be sterilized with 0.22 µm filters under aseptic condition.

RELATED PRODUCTS

Specsure Bovine Growth Serum	ACE002	500 ml
MEM (Minimum Essential Media)	CM1005	500 ml
MEM (Minimum Essential Media), Dry Powder Media	CM1006	1 L
MEM (Minimum Essential Media), Dry Powder Media	CM1007	10 x 1L
DMEM (Dulbecco's modified minimal essential Media, DMEM)	CM1008	500 ml
DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media	CM1009	1 L
DMEM (Dulbecco's modified minimal essential Media, DMEM), Dry Powder Media	CM1010	10 x 1L
Ham's F-12K Media	CM1011	500 ml
Ham's F-12K Dry Powder Media	CM1012	1 L
Ham's F-12K Dry Powder Media	CM1013	10 x 1L
DMEM/F12 Media	CM1014	500 ml
DMEM/F12 Dry Powder Media	CM1015	1 L
DMEM/F12 Dry Powder Media	CM1016	10 x 1L
RPMI-1640 Media	CM1017	500 ml
RPMI-1640 Dry Powder Media	CM1018	1 L
RPMI-1640 Dry Powder Media	CM1019	10 x 1L
M-199 Media	CM1020	500 ml
M-199 Dry Powder Media	CM1021	1 L
M-199 Dry Powder Media	CM1022	10 x 1L

PRODUCT USE LIMITATION

These products are intended for research use only.