

# McCoy's 5A Medium

## Cell Culture Media



## Product Description

McCoy's 5A medium provides a broad nutrient profile for primary cultures and established cell lines, especially fibroblasts and epithelial cells. It's often used in cancer, metabolism, and tissue studies due to its robust support of cell viability. Researchers appreciate McCoy's 5A for its flexibility with or without serum.

## Specifications

Product	McCoy's 5A Medium
SKU (Powder)	61350
SKU (Liquid)	61300
Appearance	Transparent Liquid
pH	6.6 - 7.2
Osmolality (mOsm/kg)	279 - 309
Sterility	Pass
Endotoxin (EU/ml)	<2

## Packaging

Format	Sizes
Liquid	Bottle (500ml & 1L) Bags (200L)
Powder	100g, 20 KG

*Additional sizes available upon request  
Inquire for disposable bag information including material of construction, designs and L&E*

## Shelf Life

A 12-month shelf life has been assigned for cell culture media based on alignment with industry-standard shelf designations for classical media formulations of similar composition. Internal stability studies are being conducted to confirm shelf life for Liquid and DPM.

## Storage

Dry powder and liquid media should be stored at 2-8 °C, protected from the light.  
*For Research Use or Further Manufacturing Only*

# McCoy's 5A Medium

No.	Component	CAS No.	g/L (+/- 2%)
1	GLYCINE	56-40-6	0.0075
2	L-ALANINE	56-41-7	0.0139
3	L-ARGININE-HCL	1119-34-2	0.0421
4	L-ASPARAGINE (ANHY)	70-47-3	0.045
5	L-ASPARTIC ACID	56-84-8	0.01997
6	L-CYSTEINE	52-90-4	0.0315
7	L-GLUTAMIC ACID	56-86-0	0.0221
8	L-HISTIDINE-HCL-H2O	5934-29-2	0.02096
9	HYDROXY-L-PROLINE	51-35-4	0.0197
10	L-ISOLEUCINE	73-32-5	0.03936
11	L-LEUCINE	61-90-5	0.03936
12	L-LYSINE-HCL	657-27-2	0.0365
13	L-METHIONINE	63-68-3	0.0149
14	L-PHENYLALANINE	63-91-2	0.0165
15	L-PROLINE	147-85-3	0.0173
16	L-SERINE	56-45-1	0.0263
17	L-THREONINE	72-19-5	0.0179
18	L-TRYPTOPHAN	73-22-3	0.0031
19	L-TYROSINE	60-18-4	0.0181
20	L-VALINE	72-18-4	0.0176
21	L-ASCORBIC ACID	50-81-7	0.0005
22	D-BIOTIN	58-85-5	0.0002
23	CHOLINE CHLORIDE	67-48-1	0.005
24	CALCIUM D-PANTOTHENATE	0137-08-06	0.0002
25	FOLIC ACID	59-30-3	0.01
26	NIACINAMIDE (NICOTINAMIDE)	98-92-0	0.0005
27	NIACIN (Nicotinic Acid)	59-67-6	0.0005
28	PARA-AMINOBENZOIC ACID (PABA)	150-13-0	0.001
29	PYRIDOXAL HYDROCHLORIDE	65-22-5	0.0005
30	PYRIDOXINE-HCL	58-56-0	0.0005
31	RIBOFLAVIN	83-88-5	0.0002
32	THIAMINE-HCL	67-03-8	0.0002
33	VITAMIN B12 (CYANOCOBALAMIN)	68-19-9	0.002
34	MYO-INOSITOL	87-89-8	0.036
35	CALCIUM CHLORIDE (ANHY)	10043-52-4	0.1
36	MAGNESIUM SULFATE HEPTAHYDRATE	10034-99-8	0.2
37	POTASSIUM CHLORIDE	7447-40-7	0.4
38	SODIUM BICARBONATE	144-55-8	2.2
39	SODIUM CHLORIDE	7647-14-5	6.46
40	SODIUM PHOSPHATE MONOBASIC H2O	10049-21-5	0.58
41	BACTO PEPTONE	-	0.6
42	GLUCOSE	50-99-7	3
43	L-GLUTATHIONE	70-18-8	0.0005
44	PHENOL RED-NA	34487-61-1	0.01
	Total		14.08

Contact [info@phb1.com](mailto:info@phb1.com) to request a sample or quote



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