

**Product sheet**

**McCoy's 5A ( ), w: 3.0 g/L , w:**  
**, w: 2.0 mM , w: 2.2 g/L NaHCO<sub>3</sub> | 82020**  
**0a**

McCoy's 5A is a medium for the cultivation of mammalian cells. It is a serum-free medium that contains all the essential nutrients for cell growth. The medium is composed of the following components: McCoy's 5A Medium, Fetal Bovine Serum (FBS), and Sodium Bicarbonate (NaHCO<sub>3</sub>). The medium is used for the cultivation of a wide variety of cell lines, including primary cells and established cell lines. The medium is available in 500 mL and 1 L volumes.

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- pH = 7.2 +/- 0.02 at 20-25°C.
- Contains all essential nutrients for cell growth.
- Can be stored at +2°C to +8°C for up to 6 months.
- Can be stored at -37°C for up to 12 months (long-term storage).
- Contains 10% FBS, which provides all the growth factors and hormones needed for cell growth.
- Contains 6 mM NaHCO<sub>3</sub>, which provides the bicarbonate ions needed for cell growth.

Component	Concentration	Weight (g)
McCoy's 5A Medium	1000 mL	132.00
Fetal Bovine Serum (FBS)	100 mL	97.67
Sodium Bicarbonate (NaHCO <sub>3</sub> )	2.2 g/L	400
Fetal Bovine Serum (FBS)	10%	6,460
McCoy's 5A Medium	1000 mL	504
D(+)-Glucose	3,000 mg/L	3,000
Insulin	5 IU/L	0
Transferrin	5 µg/L	600
Selenium	5 ng/L	11

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XXXXXXXXXX	L-XXXXXXXXXX	13
	L-XXXXXXXXXX x HCl	42.14
	L-XXXXXXXXXX <sub>2</sub> x H	45.03
	XXXXXXXXXX L-XXXXXXXXXX	19.9
	L-XXXXXXXXXX <sub>2</sub> Cl x H	31.75
	L-XXXXXXXXXX (XXXXXXXXXX)	219.15
	XXXXXXXXXX L-XXXXXXXXXX	22
	XXXXXXXXXX	7
	L-XXXXXXXXXX <sub>2</sub> OHCl x H	20.9
	L-XXXXXXXXXXXXXXXXXXXX	19.6
	L-XXXXXXXXXXXXXXXXXXXX	39.3
	L-XXXXXXXXXX	39.36
	L-XXXXXXXXXX x HCl	36.54
	L-XXXXXXXXXX	14.92
	L-XXXXXXXXXXXXXXXXXXXX	16.5
	L-XXXXXXXXXX	17.27
	L-XXXXXXXXXX	26.28
	L-XXXXXXXXXXXXXXXXXXXX	17.87
	L-XXXXXXXXXXXXXXXXXXXX	3.06
	XXXX XXXXXXXXXXXXX L-XXXXXXXXXX	26.10

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	L-Asparagine	17.57
Glucose	p-Asparagine	1
	Asparagine	0.56
	D(+)-Glucose	0
	D-Asparagine	0.2
	Asparagine	5
	Asparagine	10
	Asparagine	36
	Asparagine	0
	Asparagine	0.5
	Asparagine HCl	0.5
	Asparagine HCl	0.5
	Asparagine	0.2
	Asparagine HCl	0.
	Asparagine B12	2.0