

Bacteria Dichotomous Key

2015-
20162020-
2021

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1.	2.	3.	4.	5.
6.	7.	8.	9.	10.

The shape and arrangement of bacterial cells are used to identify bacteria. Above are drawings of several disease-causing bacteria. In the table above, identify the bacteria, using the dichotomous key below.

1.	a. Bacillus bacteria	.....	Go to 2
	b. Coccus bacteria	.....	Go to 4
	c. Spirillum bacteria	.....	Go to 7
2.	a. Bacteria arranged in chains	.....	Rat Bite Fever Stain A
	b. Bacteria appear singly	.....	Go to 3
3.	a. Bacteria with swollen endospore	.....	Tetanus
	b. Bacteria without swollen endospore	.....	Anthrax
4.	a. Bacteria appear in pairs	.....	Go to 5
	b. Bacteria appear in chains	.....	Strep Throat
	c. Bacteria appear in clumps	.....	Go to 6
5.	a. Bacteria have pointed ends	.....	Pneumonia
	b. Bacteria appear in groups of 4	.....	Gonorrhea
6.	a. Bacteria appear in groups of 4 (Sarcina)	.....	Human Skin bacteria
	b. Bacteria appear in clusters	.....	Staph Infection
7.	a. Bacteria with flagella		Rat Bite Fever Stain B
	b. Bacteria without flagella (Spirochete)		Syphilis

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