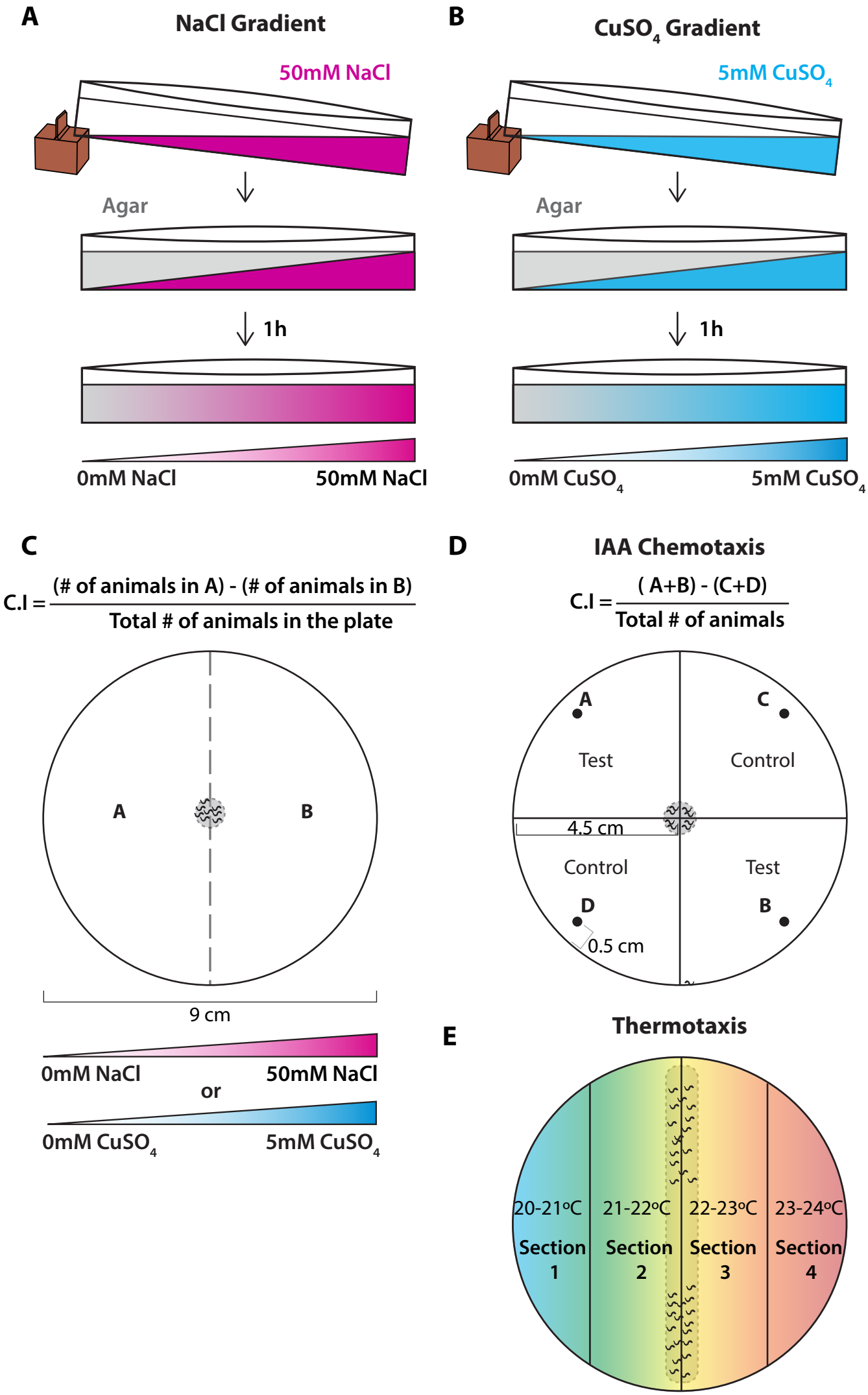
A
NaCl Gradient
50mM NaCl
Agar
1h
0mM NaCl
50mM NaCl
B
CuSO4 Gradient
5mM CuSO4
Agar
1h
0mM CuSO4
5mM CuSO4
C
C.I = (# of animals in A) - (# of animals in B) / Total # of animals in the plate
A
B
9 cm
0mM NaCl
50mM NaCl
or
0mM CuSO4
5mM CuSO4
D
IAA Chemotaxis
C.I = (A+B) - (C+D) / Total # of animals
A
C
Test
Control
4.5 cm
Control
Test
D
B
0.5 cm
E
Thermotaxis
20-21°C
21-22°C
22-23°C
23-24°C
Section 1
Section 2
Section 3
Section 4