Prokaryotic vs. Eukaryotic Cells 101 video notes

Prokaryotic Cells Characteristics	Eukaryotic Cells Characteristics

Prokaryotic	Both	Eukaryotic

Check for Understanding 1 – Write whether the cell is Prokaryotic or Eukaryotic or both based upon the description.

1. Has membrane bound organelles	9. DNA is circular
2. Cell division occurs by Mitosis or Meiosis	10. DNA floats freely in the cell
3. No true Nucleus	11. Has a plasma membrane
4. Complex DNA	12. DNA is linear and located in the nucleus
5. Has ribosomes	13. Can have anaerobic and aerobic respiration
6. Usually is one cell	14. Usually much smaller
7. DNA is genetic material	15. Contains cytoplasm
8. Requires oxygen to survive (aerobic)	16. Usually is made of more than one cell

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Prokaryotic cell advantages	Eukaryotic cell advantages
Prokaryotic cell disadvantages	**Eukaryotic cell disadvantages**

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