

## Plant Cell

1) It is bounded by rigid cell wall.

2) Plastids are present.

3) Large vacuoles are present.

4) Centrosome is absent.

5) Nucleus is present at the periphery.

Rough endoplasmic reticulum

Lysosome

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## Animal Cell

Cell wall is absent.

Plastids are absent.

Vacuoles are absent, if present, small in size.

Centrosome is present.

Nucleus is present in the center.

Gold apparatus

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Eukaryotic cell :

Nuclear membrane

Is present (true nucleus).

Ex: animal & plant cells.

Prokaryotes - Nuclear membrane absent (nucleoid)  
Ex: cyanobacteria.

3) If plasma membrane ruptures or breaks down then molecules of some substances will freely move in & out of the cells.

- 4) → Storage of substances  
→ Packaging  
→ Manufacture.