

### Difference Between Plant Cell and Animal cell.

Characterization	Plant Cell	Animal Cell
Shape	They have a rigid, fixed shape that is often cubical or rectangular.	They are shaped obliquely and spherical.
Cell wall	Present	Absent
Membrane	The cell membrane is present.	The plasma membrane is present.
Centriole	Absent	Present
Chlorophyll	Present	Absent
No. of Vacuoles	Contain one large vacuole.	Have many vacuoles.
Shape of vacuole	Large in size	Small in size
Centrosomes	Absent	Present

An example question about Plant and Animal Cells.

1. What is the differentiation between plant and animal cells?

**answer:**

Plant cells contain a cell wall and chloroplasts, which are lacking in animal cells, whereas animal cells have centrioles, which are absent in plant cells.

2. What is the function of the cell wall in plant cells?

**Answer:**

Plant cells are structurally supported and protected by the cell wall. It helps to keep the cell's form and offers resistance to physical pressure.

3. Which common organelles are present in the cells of both plants and animals?

**Answer:**

Organelles such as the nucleus, mitochondria, endoplasmic reticulum, golgi apparatus, and vacuoles are found in both plant and animal cells, however the size and function of vacuoles are likely to differ.