

Distinguish, differentiate, compare and explain what is the main difference between rod and cone cells. Comparison and Differences.

Difference between Rod and Cone Cells

S.No.	Rod Cells	Cone Cells
1	Outer segment is cylindrical and contains rhodopsin.	Outer segment is conical and contains iodopsin.
2	Inner end has a small knob.	The inner end is branched.
3	Sensitive to dim light and give twilight vision.	Sensitive to bright light, and give daylight vision.
4	All cells are alike and do not give color vision.	Cell are three types: blue, green and red, and give color vision.
5	Insufficient rhodopsin results in night blindness.	Insufficient iodopsin results in color blindness.
6	Numerous in number.	Fewer in number.