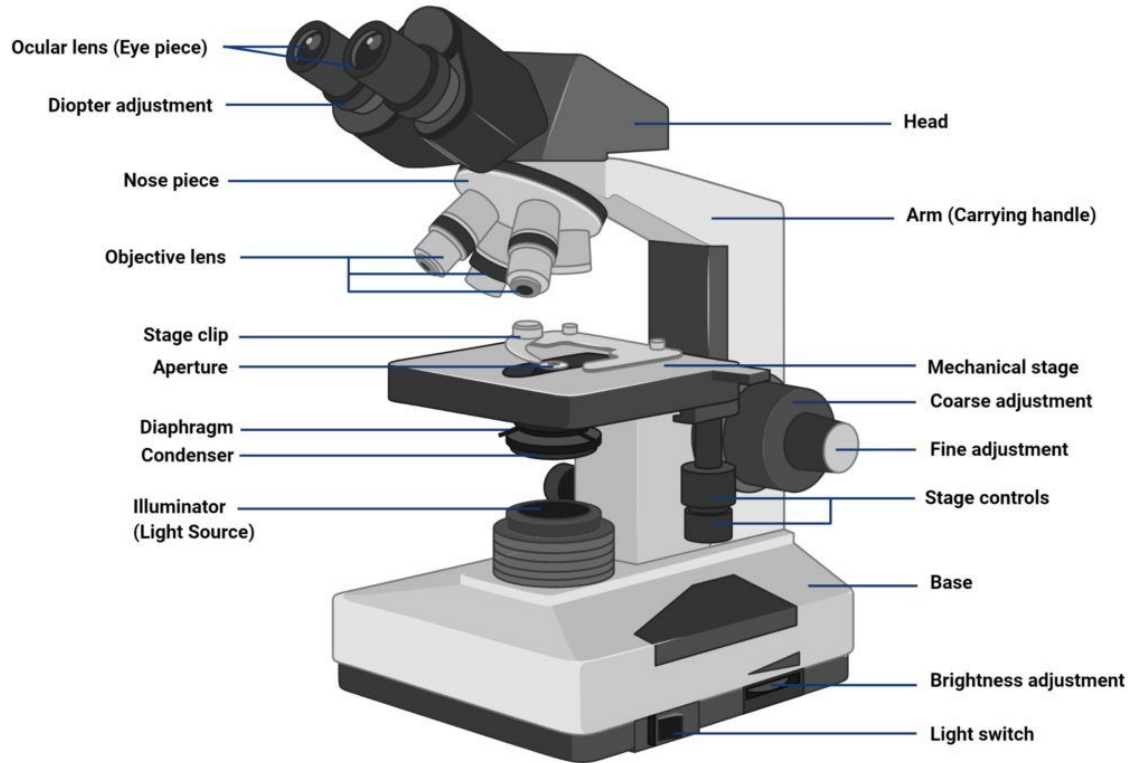


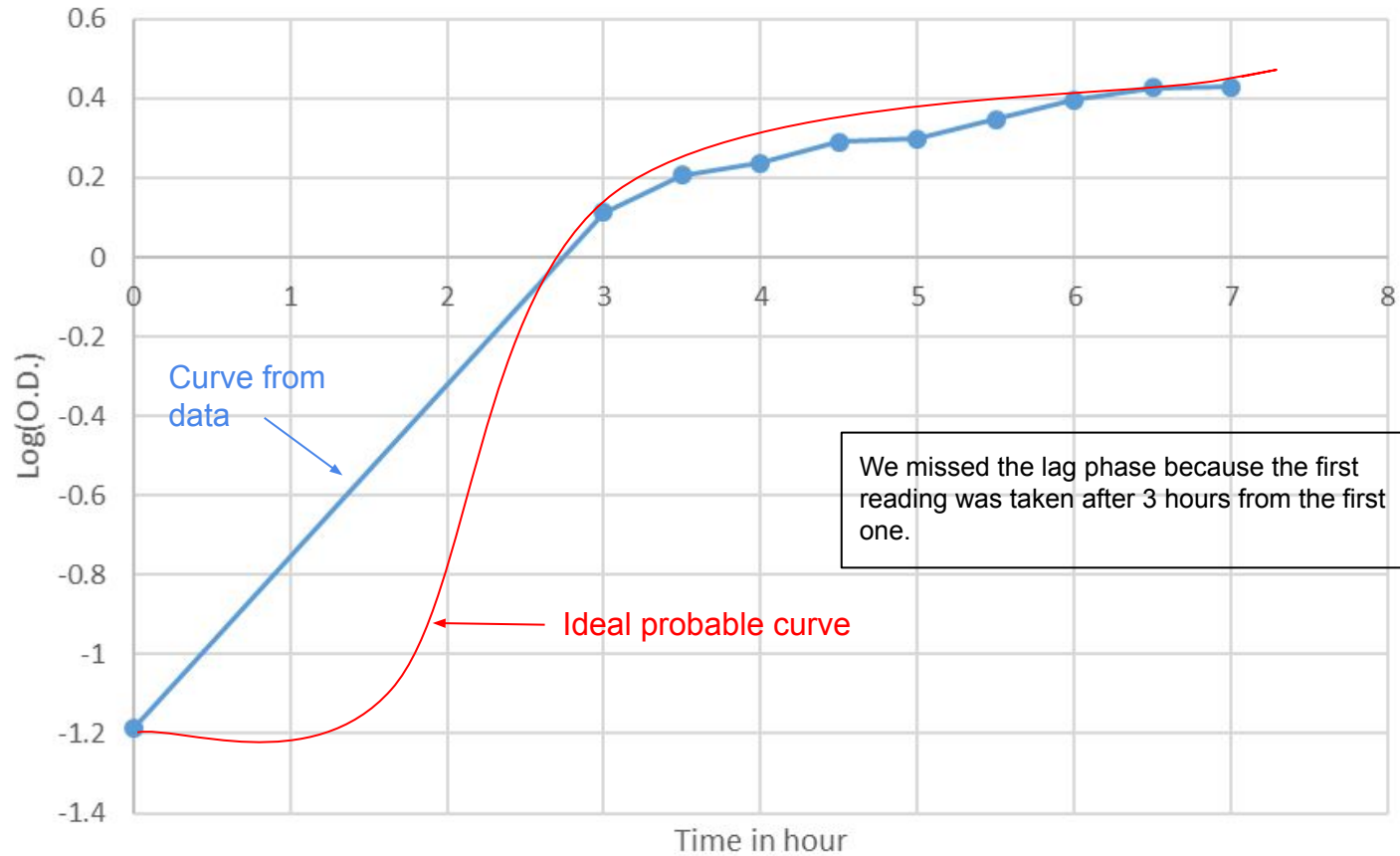
# Microscope Parts



A microscope  
(similar to the one  
we used in the lab)  
with name of the  
parts

Figure: Parts of a microscope, Image Copyright © Sagar Aryal, [www.microbenotes.com](http://www.microbenotes.com)

## Bacterial Growth Curve

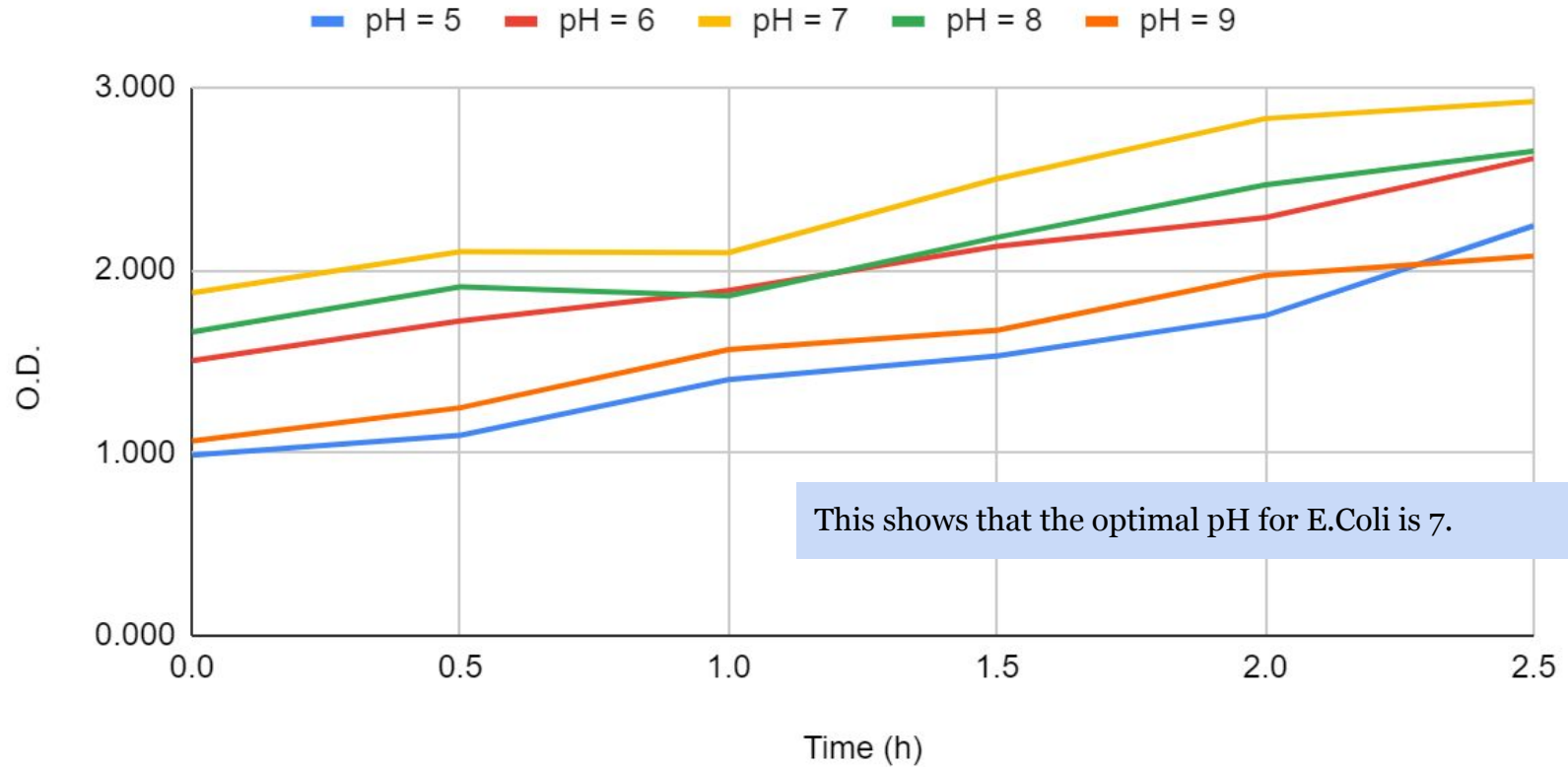


## Observation table

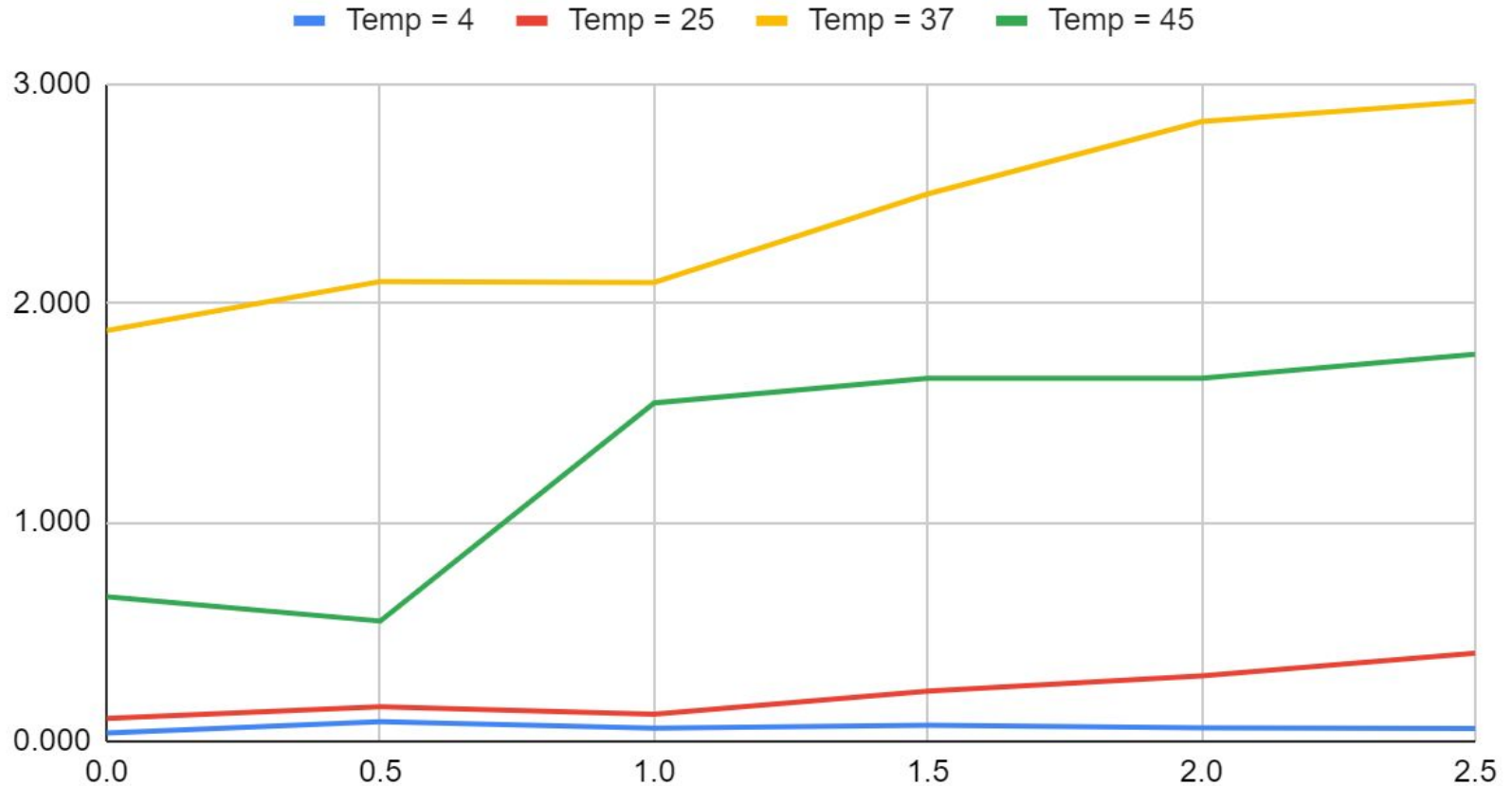
Time (h)	O.D.				
	pH = 5	pH = 6	pH = 7	pH = 8	pH = 9
0	0.987	1.503	1.875	1.661	1.064
0.5	1.095	1.721	2.099	1.907	1.246
1	1.401	1.888	2.094	1.858	1.564
1.5	1.530	2.129	2.498	2.178	1.670
2	1.750	2.286	2.828	2.465	1.970
2.5	2.242	2.610	2.922	2.650	2.075

Time (h)	O.D.			
	Temp = 4	Temp = 25	Temp = 37	Temp = 45
0	0.038	0.104	1.875	0.660
0.5	0.090	0.158	2.099	0.549
1	0.060	0.124	2.094	1.544
1.5	0.073	0.229	2.498	1.657
2	0.061	0.299	2.828	1.657
2.5	0.059	0.403	2.922	1.767

## Bacterial growth curve at pH = 5, pH = 6, pH = 7, pH = 8 and pH = 9



## Bacterial growth curve at 4, 25, 37 and 45 degree Celsius



## Antimicrobial sensitivity of antibiotics

S.N.	Antibiotic	ZOI (in mm)
1	Amp	0
2	TE	20
3	S3	27
4	S	23
5	P	0
6	C	18

