

LIST OF MAJOR TESTS IN BIOLOGY

S. No.	Tests	Purpose
1.	Cis Trans Test or complementation Test	To check mutation
2.	Precipitin Test	To detect the presence of specific antigen
3.	Ames Test	For identification of mutagenic chemical and physical agents
4.	Glucose Tolerance Test (GTT)	Diabetes mellitus
5.	Enzyme Linked Immunosorbent Assay (ELISA)	To detect the presence of specific proteins, peptides, hormones or antibodies
6.	Schick Test	For determining susceptibility to diphtheria
7.	Mantoux Tuberculin Test (Tuberculin skin test)	For diagnosis of tuberculosis
8.	Wayson stain	For diagnosis of Bubonic plague
9.	Wassermann test	For diagnosis of Syphilis
10.	VDRL Test	For diagnosis of Syphilis
11.	Torniquet test	For diagnosis of Dengue
12.	Gravindex Test	Based on double antigen-antibody reaction for detection of pregnancy
13.	Pap Smear	For diagnosis of Cervical cancer
14.	Mammography	For diagnosis of Breast cancer
15.	Prostate Specific Antigen (PSA) Test	For diagnosis of Prostate cancer
16.	Quantitative Buffy Coat (QBC)	For detection of malarial or other blood parasites
17.	Amniocentesis	For determining chromosomal disorders
18.	Anti-acetylcholine receptor antibody Test	For diagnosis of Myasthenia gravis