Across
3. THIS VIRUS, ASSOCIATED WITH WHITE CELLS, IS TRANSMISSABLE VIA BLOOD TRANSFUSION AND BELONGS TO THE HERPES FAMILY
7. THE VISIBLE CLUMPING OF RED CELLS AS A RESULT OF ANTIGEN-ANTIBODY BINDING
9. SEEDS FROM THIS PLANT PRODUCE A LECTIN WHICH REACTS WITH THE A1 ANTIGEN
10. USED TO DETECT IN VIVO SENSITISATION
15. A PROCESS WHICH RELEASES ANTIBODY THAT IS BOUND TO RED CELL ANTIGENS
19. A SOLUTION WHICH IS ISOTONIC WITH BLOOD AND CONTAINS NaCl
20. DERIVED FROM A SINGLE GENETICALLY DISTINCT CELL
24. A PROTEIN THAT ACTS AS A BIOLOGICAL CATALYST
25. THE PROPERTY OF AN ANTIGEN THAT ENABLES IT TO RECOGNISE AND COMBINE WITH ONE PARTICULAR ANTIGEN
26. AN IMBALANCE IN NORMAL BLEEDING AND CLOTTING MECHANISMS WITH TYPICAL WIDESPREAD CLOTTING, FOLLOWED BY MAJOR HAEMORRHAGE AS CLOTTING FACTORS BECOME DEPLETED
27. THE ENZYME PAPAIN IS DERIVED FROM THIS FRUIT
29. IMMUNOGLOBULIN PRODUCED IN RESPONSE TO THE INTRODUCTION OF A FOREIGN ANTIGEN
30. RUPTURE OF THE RED CELL MEMBRANE, FREEING HAEMOGLOBIN INTO CIRCULATION
32. KNOWN INHERITABLE WEAKER EXPRESSION OF A BLOOD GROUP ANTIGEN
33. ACCUMULATION OF EXCESS FLUID IN AT LEAST 2 FOETAL COMPARTMENTS
34. A SUBSTANCE THAT PREVENTS BLOOD CLOTTING

Down
1. LITERALLY MEANING "IN GLASS", THIS REFERS TO TESTS PERFORMED OUTSIDE OF THE BODY
2. ANY ADVERSE EFFECT IN A PATIENT FOLLOWING ADMINISTRATION OF A BLOOD COMPONENT
4. THIS IS THE PERIOD BETWEEN INFECTION WITH A PATHOGEN AND THE FIRST DETECTABLE MARKER IN A BLOOD TEST
5. NEONATAL RED CELL DESTRUCTION CAUSED BY MATERNAL ANTIBODIES
6. PRODUCES UP TO DATE EVIDENCED BASED GUIDELINES ON THE DIAGNOSIS AND TREATMENT OF HAEMATOLOGICAL DISEASE AND BLOOD TRANSFUSION
8. A PROCESS WHICH REMOVES ANTIBODY FROM PLASMA, TYPICALLY ONTO RED CELLS
11. THE REPULSIVE FORCE CREATED BETWEEN ADJACENT RED CELLS AS A RESULT OF A CLOUD OF NEGATIVE AND POSITIVE IONS SURROUNDING THE RED CELL membranes
12. RED CELLS COATED WITH, BUT NOT AGGLUTINATED BY, ANTIBODY ARE SAID TO BE THIS
13. BLOOD COMPONENT PRODUCED AS A SOURCE OF FVIII AND FIBRINOGEN
14. THE OBSERVABLE EXPRESSION OF AN INDIVIDUALS GENES
16. THE FINAL PART OF THE PROCESS WHICH DETERMINES THE COMPATIBILITY OF DONOR RED CELLS WITH THE PATIENT
17. SECONDARY OR SUBSEQUENT IMMUNE RESPONSE
18. ANAEMIA CAUSED BY THE PRODUCTION OF AUTOANTIBODIES
21. COMMERCIALY PRODUCED ANTIBODY PREPARATIONS TO BLOOD GROUP ANTIGENS
22. AN ALTERNATIVE FORM OF A GENE THAT CAN OCCUPY A SINGLE LOCUS ON A CHROMOSOME
23. IMMUNOGLOBULIN THAT REACTS WITH HUMAN GLOBULINS
28. A GENE WITH NO PHENOTYPIC EFFECT
31. THIS ORGANISATIONS CORE PURPOSE IS TO MEET THE TRANSFUSION NEEDS OF PATIENTS IN SCOTLAND