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Blood Bank

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| **Across**  **4.** type of transfusion reaction that is associated with hemolysis  **7.** a blood protein produced in response to and counteracting a specific antigen. Antibodies combine chemically with substances which the body recognizes as alien, such as bacteria, viruses, and foreign substances in the blood.  **8.** a toxin or other foreign substance which induces an immune response in the body, especially the production of antibodies.  **10.** Universal donor  **14.** most common reaction reported after a transfusion  **15.** testing before a blood transfusion to determine if the donor's blood is compatible with the blood of an intended recipient.  **17.** Anything glass goes in here | **Down**  **1.** activated by a clinician in response to a patient that is experiencing massive bleeding  **2.** When blood is urgently needed, the patient’s physician must weigh the risk of transfusing uncrossmatched or partially crossmatched blood against the risk of delaying transfusion until compatibility testing is complete.  **3.** Level one trauma center  **5.** Blood type test  **6.** the surviving organization of the following: Wadley Institute of Medicine, Wadley Research Institute & Blood Bank, Wadley Institute of Molecular Medicine  **9.** situation where four units of blood and two units of plasma is given to the emergency room department  **11.** a risk to human health or the environment arising from biological work, especially with microorganisms.  **12.** Tiny blood cells that help your body form clots to stop bleeding.  **13.** Body fluid in humans and other animals that delivers necessary substances such as nutrients and oxygen to the cells and transports metabolic waste  **16.** One of the four fundamental states of matter, and was first described by chemist Irving Langmuir in the 1920s |