

Name _____

The Marvelous Mystery of Lymph: Understanding Its Composition and Importance

Short Answer Key

1. White blood cells, including lymphocytes, in lymph help defend the body against invaders like bacteria and viruses. They play a crucial role in immune responses, protecting the body from infections.
2. Proteins in lymph help maintain osmotic balance within the lymphatic system, preventing excessive fluid buildup in tissues.
3. Unlike blood circulation, lymph relies on muscle contractions and nearby pulsations to keep it moving throughout the body. Lymphatic vessels have one-way valves to prevent backflow.
4. Electrolytes in lymph help maintain the balance of ions in the body's fluids, supporting various cellular functions.
5. Lymph collects waste products, excess fluids, and harmful substances from tissues, helping to prevent their accumulation and maintaining a healthy internal environment.

