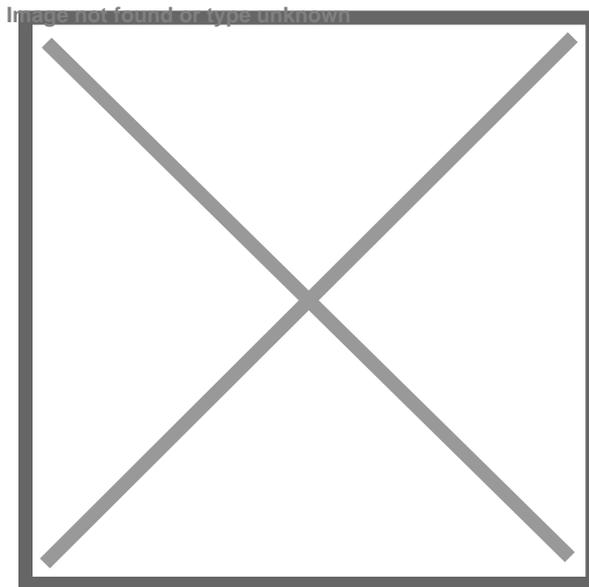


Item Name : Lymphatic System

Item Code : 4227.2008.01

Item Description :

1. **Lymph vessels-** Carry lymph from tissue spaces to the venous system, starts blindly as lymph capillaries in tissue spaces, their walls are permeable to substances of much greater size
 2. **Central Lymphoid Tissues**
 - a. **Bone Marrow-**Produces all pluripotent lymphoid cells (in adults), helps in differentiation of B-Lymphocytes
 - b. **Thymus-**Helps in differentiation of T-Lymphocytes
 3. **Peripheral Lymphoid Organs**
 - a. **Lymph node-** Small nodules of lymphoid tissue found in the course of smaller lymph vessels, purify the lymph from harmful agents
 - b. **Spleen-**Removes old blood cells from circulating pool, Keeps a reserve of blood for emergency, Synthesizes antibodies
 - c. **Epithelio-lymphoid tissues-**Lymphoid nodules in places like alimentary canal and respiratory tracts, Works as a security check against all the incoming agents.
 4. **Lymphocytes-** Mature B- and T-Lymphocytes circulating in blood, protects the body against any infectious agent that enters the blood
- Functions-** Removal of particulate matter, Production of lymphocytes, Generation of immune responses



Item Image :

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