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Lymphatic System

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| **Across****1.** A result of inflammation which causes increased blood flow**3.** Immunity that comes from antibodies in the blood**4.** Concentration of lymphatic tissue with no clear boundaries**8.** Produces antibodies to fight an infection currently in the body**11.** An immune response that is the same regardless of the pathogen or toxin**13.** A group of glycoproteins that identifies cells as a part of the body**15.** Filters the blood**18.** Immunity that comes from the action of T lymphocytes**19.** Chemicals that affect the hypothalamus, increasing body temperature**20.** An innate immune response, causing cells to increase antiviral defenses**21.** An antibacterial response based on about twenty proteins in the blood**22.** Fluid that is found between the cells | **Down****2.** Attacks and lyses foreign cells as a part of cell-mediated immunity**5.** Section of the antibody that determines to which group (IgC, IgA...) it belongs**6.** Increases mitosis of T cells and B cells**7.** Section of the antibody that determines what antigen it can bind to **9.** encapsulated masses of lymph tissue found along lymph vessels - filters lymph **10.** Groups of lymph nodules found on the small intestines**12.** an immune response targeted at a specific pathogen or toxin**14.** Place where T Lymphocytes mature**16.** groups of lymph nodules found in the throat and back of tongue**17.** responsible for the secondary response of the humoral immune system |

   lymph nodes       innate immunity       acquired immunity       tonsils       spleen       thymus       vasodilation       pyrogens       interferon       complement       variable region       constant region       memory B cell       plasma B cell       cytotoxic T cell       helper T cell       MHC       interstitial fluid       mucosa associated lymphoid tissue       Peyer's patches       cell mediated immunity       humoral immunity