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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