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What Is the Immune System? en español Sistema inmunitario Sistema inmunitario			Food Allerg	Food Allergies HIV and AIDS	
keep us healthy.			View more		

What Are the Parts of the Immune System?

Many cells and organs work together to protect the body. White blood cells, also called **leukocytes** (LOO-kuh-sytes), play an important role in the immune system.

Some types of white blood cells, called **phagocytes** (FAH-guh-sytes), chew up invading organisms. Others, called **lymphocytes** (LIM-fuh-sytes), help the body remember the invaders and destroy them.

One type of phagocyte is the **neutrophil** (NOO-truh-fil), which fights bacteria. When someone might have bacterial infection, doctors can order a blood test to see if it caused the body to have lots of neutrophils. Other types of phagocytes do their own jobs to make sure that the body responds to invaders.

The two kinds of lymphocytes are **B lymphocytes** and **T lymphocytes**. Lymphocytes start out in the bone marrow and either stay there and mature into B cells, or go to the thymus gland to mature into T cells. B lymphocytes are like the body's military intelligence system — they find their targets and send defenses to lock onto them. T cells are like the soldiers — they destroy the invaders that the intelligence system finds.

How Does the Immune System Work?

When the body senses foreign substances (called antigens), the immune system works to recognize the antigens and get rid of them.

B lymphocytes are triggered to make **antibodies** (also called **immunoglobulins**). These proteins lock onto specific antigens. After they're made, antibodies usually stay in our bodies in case we have to fight the same germ again. That's why someone who gets sick with a disease, like chickenpox, usually won't get sick from it again.



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Immune System

Post Test – January 2023

Please keep this test and certificate in your files for Licensing. You do not need to send it in to our office or the State.

- 1. The immune system attacks ______ and helps keep us healthy.
- 2. White blood cells, also called ______, play an important role in the immune system.
- 3. One type of phagocyte is the neutrophil, which fights bacteria. True or False?
- 4. Lymphocytes start out in the ______ and either stay there and mature into B cells or go to the thymus gland to mature into T cells.
- 5. When the body senses ______ (called antigens), the immune system works to recognize the antigens and get rid of them.
- 6. An ______ introduces the body to an antigen in a way that doesn't make someone sick.
- 7. Although antibodies can recognize an antigen and lock onto it, they can't destroy it without help. That is the job of the B cells. True or False?
- 8. These specialized cells (antibodies) and parts of the immune system offer the body protection against disease. This is called ______.
- 9. We develop adaptive immunity when we're exposed to disease or when we're immunized against them with _____.
- 10. The ______ takes a while to develop and needs help from vaccines. By getting all your child's recommended vaccines on time, you can help keep your child as healthy as possible.

December 2022 Quiz Answers. 1.My Plate 2.Balance 3.True 4.Healthy 5.Vegetables 6.Fresh/Frozen 7.False 8.Whole Grains 9.Protein 10.Dairy



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Elizabeth Curtis Training Coordinator Southwest Human Development Services

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