



WELLNESS WORKSHEET 97

Facts About the Body's Defenses Against Infection

Review your knowledge of infection and immunity by answering the questions below. Refer to your textbook if necessary.

1. List and describe three of the body's physical or chemical barriers against infection.

- a. _____
- b. _____
- c. _____

2. What general type of cells carry out the immune response? _____

Where are these immune defenders produced? _____

Describe each of the following types of cells and explain their role in the immune response.

Neutrophils _____

Macrophages _____

Natural killer cells _____

Dendritic cells _____

Helper T cells _____

Killer T cells _____

Suppressor T cells _____

B cells _____

Memory T and B cells _____

3. What are antibodies? What is their role in the immune response?

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4. How do the body's defenders recognize an enemy? What is an antigen?

5. What is the inflammatory response?

6. Briefly describe the four phases of the immune response.

a. _____

b. _____

c. _____

d. _____

7. What is immunity? When and how does it occur?

8. When is an infected person contagious?

9. What is a vaccine?

What are the two types of immunity that a vaccine can confer?

a. _____

b. _____

10. What is an allergic reaction and how does it occur?
