

## Macromolecule Matching

*Match the following items to the correct macromolecule.*

- A. Lipid**
- B. Protein**
- C. Nucleic acid**
- D. Carbohydrate**

1. **Function: immediate energy and structure** \_\_\_\_\_
2. **Function: genetic information** \_\_\_\_\_
3. **Function: stored energy, structure, and protection/insulation** \_\_\_\_\_
4. **Function: chemical reactions, structure, defense, movement, transport** \_\_\_\_\_
5. **Elements: C,H,O,N,P** \_\_\_\_\_
6. **Elements: C,H,O,N** \_\_\_\_\_
7. **Elements: C,H,O in 1:2:1 ratio** \_\_\_\_\_
8. **Elements: C,H,O with C-H chains** \_\_\_\_\_
9. **Example: phospholipid, fat, steroids** \_\_\_\_\_
10. **Example: enzyme** \_\_\_\_\_
11. **Example: cellulose, starch, and glycogen** \_\_\_\_\_
12. **Example: ATP** \_\_\_\_\_
13. **Monomer: monosaccharide** \_\_\_\_\_
14. **Monomer: fatty acid** \_\_\_\_\_
15. **Monomer: amino acid** \_\_\_\_\_
16. **Monomer: nucleotide** \_\_\_\_\_
17. **Polymer: polypeptide** \_\_\_\_\_
18. **Polymer: polysaccharide** \_\_\_\_\_
19. **Polymer: DNA, RNA** \_\_\_\_\_
20. **Polymer: no true polymers** \_\_\_\_\_