

## Q. What are Biomolecules and types of biomolecules?

Chemicals or molecules present in the living organism are called biomolecules. They come in a wide range of composition and sizes. Carbohydrates, lipids, nucleic acids, and proteins are four main types of Biomolecules. Biomolecules are divided into two types:

1. Inorganic
2. Organic

Inorganic biomolecules include minerals, gases and water and organic biomolecules include carbohydrates, proteins, fats, nucleic acids, vitamins, etc. Different biomolecules can be classified as aldehyde, ketones and aromatic compounds as chemical forms. The amino acids, nucleotides and fatty acids can be classified as biochemical forms.

Biomolecules are also classified as:

1. Micromolecules
  - Minerals
  - Gases
  - Water
  - Sugars

2. Macromolecules
  - Carbohydrates
  - Lipids
  - Proteins

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