

Biological molecules

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Elements

Carbs and fats: C, H, O

Proteins: C, H, O, N

Building blocks

Glucose to starch, glycogen, cellulose

Amino acids to protein

Fatty acids + glycerol to fat

Food tests

Iodine: starch

Benedict's: reducing sugar

Biuret: protein

Ethanol emulsion: fat

DCPIP: vitamin C

DNA **Supplement**

Double helix

Bases A-T, C-G

Bonds between base pairs