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| **Across****2.** A protein lacking 1 or more essential amino acids.**9.** A process that changes the shape of protein molecule without breaking its peptide bonds.**10.** A single protein molecule containing 10 or more amino acids linked in peptide chains.**13.** Large protein molecules**15.** To change a liquid into a soft semisolid or solid mass.**16.** A group composed of 2 atoms of hydrogen & 1 atom of nitrogen. | **Down****1.** A protein that contains all the essential amino acids.**3.** Nine amino acids out of 20 that the body needs but cannot make itself.**4.** A protein that contains all the essential amino acids.**5.** Bonds between the nitrogen or 1 amino acids & the carbon of a 2nd amino acid.**6.** A type of organic acid that chains together to make proteins.**7.** Very large proteins that weaken/destroy foreign substances in the body.**8.** Egg White.**11.** The twisted, rope-like structure in an egg that keeps the egg yolk centered.**12.** Air bubbles incorporated & trapped in a protein film **14.** AN elastic substance formed by mixing water with the proteins found in wheat. |