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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. |