Unit 2- Chemistry of Life

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| **Across**  **5.** The smallest unit of matter(cannot be broken down by chemical means)  **6.** A substance made of only one kind of atom (a pure substance)  **10.** A mixture in which one or more substances are evenly ditributed in another substance  **11.** Nonpolar molecules that are not soluble in water  **12.** Substances that increase the speed of chemical reactions  **15.** A substance made of the joined atoms of two or more different elements  **16.** The energy needed to start a chemical reaction  **17.** Organic compound made of carbon, hydrogen, and oxygen atoms in proportion of 1:2:1  **18.** A chain of amino acids linked together  **19.** Pockets formed by deep folds in large protein | **Down**  **1.** Compounds that form hydrogen ions when dissolved in water  **2.** Compounds that reduce the concentration of hydrogen ions in a solution  **3.** An attraction between substances of the same kind  **4.** A long chain of nucleotide  **7.** The building blocks of protein  **8.** An attraction between different substances  **9.** A group of atoms held together by covalent bonds  **13.** The ability to move or change matter  **14.** A substances on which an enzymes acts during chemical reaction |