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 |