

# AP Biology Vocabulary Matching 15

Write the word that best matches each definition or clue.

1. \_\_\_\_\_ An organism that makes its own food.
2. \_\_\_\_\_ The 20 molecules that are held together by peptide bonds to make up proteins.
3. \_\_\_\_\_ The smallest of blood vessels that serve to distribute oxygenated blood from arteries to tissues of body and to feed deoxygenated blood from tissues back into veins.
4. \_\_\_\_\_ Plant hormones that lead to phototropism by elongating the dark side of the plant.
5. \_\_\_\_\_ A high energy molecule that can be split apart to release energy for many different processes in living things.
6. \_\_\_\_\_ The maximum population size of the species that the environment can sustain indefinitely, given the food, habitat, water, and other necessities available in the environment.
7. \_\_\_\_\_ A molecule that speeds up a chemical reaction by lowering the activation energy.
8. \_\_\_\_\_ The part of an enzyme where the substrate will bind.
9. \_\_\_\_\_ The movement of molecules across the cell membrane with the use of ATP.
10. \_\_\_\_\_ Any chromosome not considered as a sex chromosome, or is not involved in sex determination.
11. \_\_\_\_\_ The asexual reproduction in bacteria.
12. \_\_\_\_\_ A chemical that can release or absorb hydrogen ions depending on the conditions and therefore can maintain the pH of a solution at a constant level.
13. \_\_\_\_\_ The foreign particles or substances that trigger an immune response.
14. \_\_\_\_\_ Proteins made by the B cells that immobilize antigens.
15. \_\_\_\_\_ The three nucleotide combination on the transfer RNA that matches up with the three letter on the messenger RNA.

auxins

catalyst

active site

active transport

amino acids

anticodon

ATP

autosomal chromosomes

antigen

binary fission

autotroph

carrying capacity

antibodies

capillaries

buffer