

1. Indicate the cardiac hormone that acts as a diuretic.
2. In one enzymatic step, \_\_\_\_\_ is converted to DHT in the canine prostate.
3. When blood pressure increases, heart rate \_\_\_\_\_; when blood pressure decreases, heart rate \_\_\_\_\_.
4. Indicate the functional unit of the lungs.
5. If you collected 150 ml of heparinized equine blood, how many cc of plasma can you harvest?
6. Indicate the location and function of the mucociliary escalator.
7. The \_\_\_\_\_ is an important blood vessel that ensures that blood does not go to the lungs unnecessarily as the fetus is developing in the uterus.
8. Erythropoiesis is regulated by \_\_\_\_\_ (EPO), which increases in the presence of hypoxia and regulates RBC production. EPO is released by the \_\_\_\_\_.
9. Old erythrocytes are removed primarily by these cells in the spleen:
10. When sensitized B cells encounter antigen, they divide and differentiate into plasma cells that produce:
11. Define gravid:
12. What is xylitol? Is it dangerous?