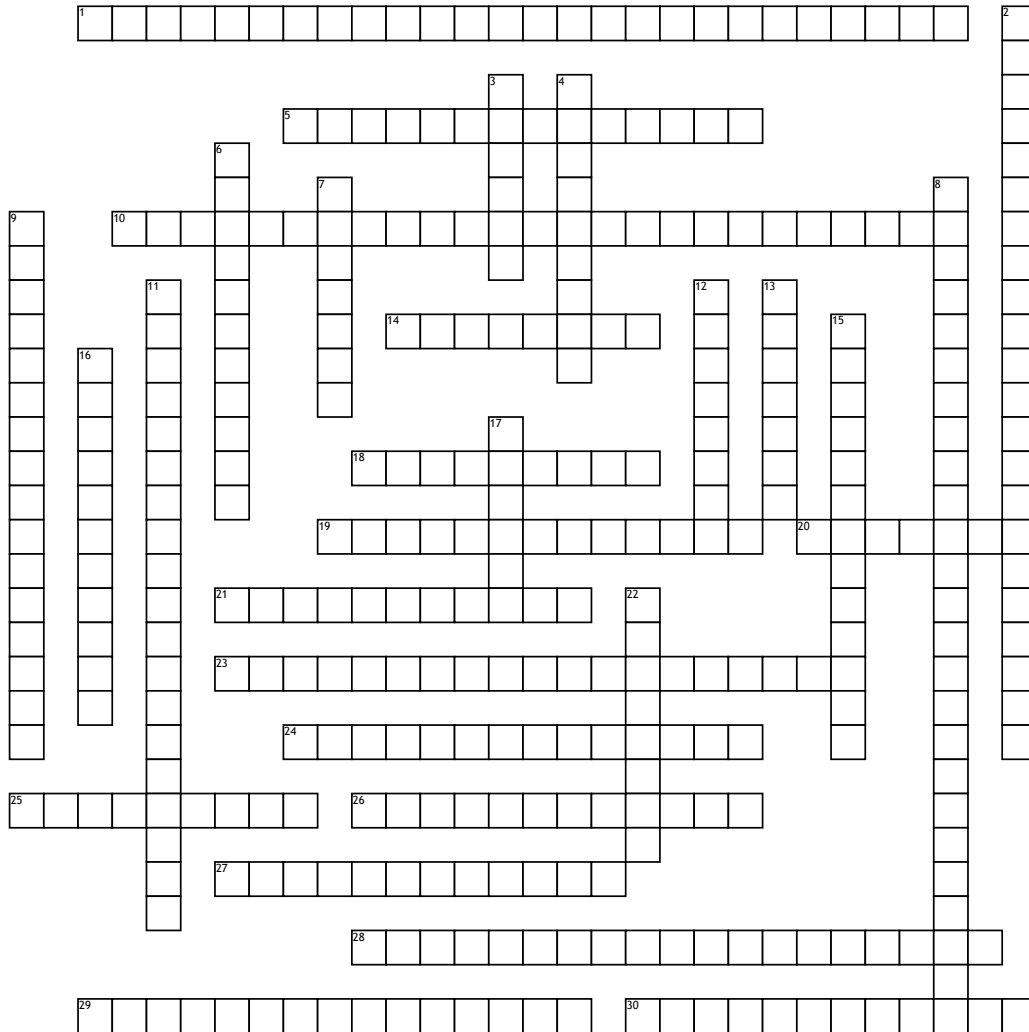


Endocrine System



Across

1. In females stimulates follicle development in the ovaries
5. Stimulate their target organs
10. Influences the growth and activity of the thyroid gland
14. Include the sex hormones made by the gonads and the hormones produced by the adrenal cortex
18. Controlling growth and development and the functioning of the other endocrine glands
19. Produces hormones that they release into the blood
20. A large gland behind the stomach which secretes digestive enzymes into the duodenum
21. A given hormone affects only certain tissue cells or organs
23. The posterior pituitary for storage
24. Major effects are directed to the growth of skeletal muscles
25. Based molecules classified chemically when many different hormones are produced
26. Chemical that inhibits or prevents urine production

27. Regulate the hormonal activity of the ovaries and testes
 28. Regulates the endocrine activity of the cortex portion of the adrenal gland
 29. It coordinates and directs the activity of the body's cells.
 30. Recognized as a major endocrine organ because its produces several hormones
- Down**
2. The hormone binds to the membrane receptors
 3. A lymphoid organ situated in the neck of vertebrates which produces T-lymphocytes for the immune system
 4. Protein hormone structurally similar to growth hormones
 6. Regulates calcium, located behind the thyroid gland in the neck
 7. Produce a variety of hormones including adrenaline and the steroids aldosterone and cortisol
 8. Regulating blood levels of nearly all hormones
 9. Stimulates testosterone production by the interstitial cells of the teste

11. Triggers ovulation of an egg from the female ovary and causes the ruptured follicle to produce
12. Significant amounts only during childbirth and in nursing women
13. Large ductless gland in the neck which secretes hormones regulating growth
15. All others are non steroidal amino acid derivatives are consider the local hormones
16. increases blood pressure by causing constriction of the arterioles
17. Secreting a hormone like substance in some mammals
22. Are released into the blood to be transported leisuely throughout the body

Word Bank

Growth Hormones
Thymus
Hypothalamus
Gonadotropic
Endocrine System
Target Cells
Pineal
Pituitary

Neurosecretory Cells
Hormones
Parathyroid
luteinizing Hormones
Propagandists
Amino Acid
Tropic Hormones
Follicle -stimulating hormone

Panceas
Second Messengers System
Adrenocorticotropic
Anti diuretic
Interstitial cell
Negative feedback mechanism
Ductless Gland

Adrenal
Vasopressin
Steroids
Thyroid-Stimulating hormone
Thyroid
Oxytocin
Prolactin