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The Endocrine System

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| **Across**  **4.** Gland located at the base of the brain.  **6.** Four tiny glands that help maintain calcium and phosphorus levels.  **8.** Keeps blood glucose levels stable.  **11.** Gland that secretes thymosins.  **13.** Causes milk letdown in nursing mothers.  **14.** Act locally, affecting only the organ where they are produced.  **15.** Blood glucose remains high; Retains too much sodium.  **16.** Hormone stored in the back of the pituitary gland and regulates water balance.  **19.** Glands that secrete outside of the body through ducts and tubes (sweat).  **21.** Luteinizing hormone regulates \_\_\_\_\_\_ in men, and estrogen in women.  **23.** This is what ovaries and testes are classified as.  **24.** Gland that secretes melatonin; Important for maintaining circadian rhythms.  **25.** Cause of restlessness, weight loss, and anxiety. | **Down**  **1.** Stunted growth, mental retardation, sluggishness.  **2.** Helps maintain healthy blood sugar levels.  **3.** Insoluble in water, carried in blood and released near the vicinity of the target cell.  **5.** Two endocrine organs located right above each kidney.  **7.** Too little iodine in diet causes thyroid to swell.  **9.** Regulates the blood concentration of calcium.  **10.** Decreased blood sodium, dehydration, low blood pressure, increased skin pigmentation.  **12.** A releasing hormone.  **17.** Chemical messengers that act on target cells.  **18.** Helps kidneys conserve sodium, excrete potassium, and maintain blood pressure.  **20.** The thyroid controls your \_\_\_\_\_\_.  **22.** Stimulates milk production from a woman's breast after childbirth. |

   Hormones       Steroids       Exocrine       Reproductive organs       Pituitary       Prolactin       Oxytocin       Calcitonin       Parathyroid       Pancreas       Pineal       Thymus       Hypothalamus       Adrenal       Aldosterone       Cortisol       Hyperthyroidism       Goiter       Hypothyroidism       Antidiuretic       Prostoglandins       Hypersecretion       Hyposecretion       Metabolism       Testosterone