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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