

1. What is the function of the endocrine system?

To secrete hormones

2. Match the hormone with its function.

Luteinizing Hormone M	a. Promotes the utilization of glucose by cells. If not delivered appropriately a person may develop diabetes
Vasopressin K	b. Plays a part in the menstrual cycle of females
Oxytocin L	c. Responsible for secondary sex characteristics in males
Growth Hormone N	d. Male sex hormones
Prolactin Q	e. Development of female secondary sex characteristics
Thyroid-Stimulating Hormone R	f. A powerful cardiac stimulant responsible for the "flight or fight" situation.
ACTH O	g. Responsible for metabolism and can be affected by high levels of stress causing weight gain.
Follicle-Stimulating Hormone P	h. Controls calcium levels in the blood by taking calcium from bone.
Thyroxine I	i. Controls the rate of metabolism
Calcitonin H	j. Control blood calcium levels preventing HYPOcalcemia
Parathormone J	k. Acts on kidneys to concentrate urine and preserve water in the body.
T Cells S	l. Released DURING childbirth to cause uterine contractions and produce breast milk.
Insulin A	m. Stimulates ovulation in females
Prostaglandins T	n. Responsible for growth and development
Androgens D	o. Stimulates adrenal cortex during stressful situations.
Adrenalin F	p. Stimulates growth of follicles in females
Corticoids G	q. Develops breast tissue and stimulates milk production AFTER birth.
Testosterone C	r. Stimulates thyroxine production
Estrogen E	s. Help during immune responses.
Progesterone B	t. Can cause constriction of blood vessels and muscle contractions. Used to induce labor.

3. Determine the gland that secretes each of the above hormones. The glands are listed below:

Pituitary Gland: LH, vasopressin, oxytocin, growth hormone, prolactin, TSH, ACTH, FSH

Thyroid Gland: Thyroxine, calcitonin

Parathyroid Gland: parathormone

Endocrine Study Guide Answer Key

H Kauffman



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