

NAME _____

HORMONE WORKSHEET

- Indicate whether the following hormones are TROPIC or NON-TROPIC
- Indicate where they are being released from
- Indicate what their target is
- Indicate the purpose of the hormone (what is its job?)

HORMONE	Tropic / Non-tropic	Released From (Ant. Pit./ Post Pit./ Gland)	Hormone Target	Purpose of Hormone
Oxytocin	NON	Posterior	Uterus and Mammary	Contractions and initiate milk production
ACTH	Tropic	Anterior	Adrenal Cortex	Release cortisol
ADH	NON	Posterior	Kidney	Conserve water
TSH	Tropic	Anterior	Thyroid	Release thyroxine to increase metabolism
TSH-RH	Tropic	Hypothalamus	Pituitary	For Pit. To release TSH
Aldosterone	NON	Adrenal Cortex	Kidney	Reabsorb Na...and with it , water
PRL	NON	Anterior	Mammary	Maintain milk production
LH	Tropic	Anterior	Testes / Ovaries	Release egg / estrogen / progesterone / testosterone
hGH	NON	Anterior	All body cells	growth
FSH	Tropic	Anterior	Testes / Ovaries	Sperm production / egg development
PTH	NON	Parathyroid	Bones, kidney, intestine	Remove calcium OUT of bones and INTO bloodstream
Thyroxine	NON	Thyroid	Body cells	Increase metabolism
FSH-RH	Tropic	Hypothalamus	Pituitary	For pituitary To release FSH
Cortisol	NON	Adrenal cortex	Kidney	Long term stress (convert amino acids to glucose for energy)
Insulin	NON	Pancreas	Liver, muscles and body cells	Lowers blood glucose.....(glucose to glycogen, increase cell permeability to Glu.)
ACTH-RH	Tropic	Hypothalamus	Pituitary	For Pituitary to release ACTH
Glucagon	NON	Pancreas	Liver, muscles and body cells	Raises blood glucose.....(glycogen to glucose, decrease cell permeability to Glu.)
Epinephrine	NON	Adrenal Medulla	Body cells	Increase breathing rate, heart rate, dilate blood vessels etc.
Calcitonin	NON	Thyroid	Bones, kidney, intestine	Place calcium INTO of bones and OUT of bloodstream

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