

HUMAN ANATOMY & PHYSIOLOGY II

STUDY GUIDE FOR LAB PRACTICAL

INSTRUCTOR: CJ SHUSTER

- you must also know all diagrams from your lab book (including associated word lists).
- you must know all microscope slides and dissections as outlined on this study guide.
- you are also responsible for the wall charts.

THIS IS A REVIEW, AND DOES NOT INCLUDE DRAWINGS, VALUES ETC. FROM THE MANUAL!!!!!!
THIS IS NOT A CONTRACT!!! My only guarantee is that this will cover 90-95% of the items seen on the lab practicals.

HANDOUT-ENDOCRINE ORGANS:

* Know location of all the Endocrine organs, as outlined in Figure 30.1 on handout. Know hormones released by each gland. Know the "Anatomy" section for each of the glands. Know the histology handout.

A. General Terms:

a (*) means to be able to identify this structure from a slide.

endocrine gland

hormone

target cell

negative feedback

positive feedback

*pituitary

hypophysis

infundibulum

*adenohypophysis (pars distalis)

*neurohypophysis (pars nervosa)

pituitary hormones: figure 30.3

*thyroid

isthmus

*follicle

*follicular cells

*colloid

thyroxine (T4)

triiodothyronine (T3)

calcitonin

parathyroid

PTH - parathyroid hormone

thymus

cortex of thymus

medulla of thymus

thymosin

*adrenal

suprarenal

adrenal capsule

*adrenal cortex

*zona glomerulosa

aldosterone

*zona fasciculatus

glucocorticoids

*zona reticularis

androgens

*adrenal medulla

epinephrine

norepinephrine

*pancreas

*exocrine acinar cells

endocrine islets

alpha cells ... glucagon

beta cells ... insulin

gonads

*testes

*seminiferous tubules

*interstitial cells ... testosterone

*ovary

*graafian follicle estrogen

*corpus luteum progesterone

Guide for Endocrine Labs

This is a guide for what the student should learn off of the various models, dissections, etc. This is a guide only; it is not an exclusive list.

Models/Charts found in Regular Lab & Learning Lab

Handout:

see word list

Wall Chart:

Know everything off the images in lab book & word list.

Slides:

See word list & handout