

Reproductive Health Panel

The Reproductive Health Panel This panel is helpful for understanding each stage of the reproductive journey.

This panel includes:

Complete Blood Count (CBC) gives important information about the kinds and numbers of cells in the blood, mainly red blood cells, white blood cells, and platelets. A CBC helps check for symptoms like weakness, fatigue, or bruising, and helps diagnose conditions, such as anemia, infection, and other disorders.

Ferritin is a protein in the blood that contains iron and helps you understand how much iron your body is storing.

TIBC Total iron binding capacity (TIBC) is a blood test to see if you have too much or too little iron in your blood.

Folate measures your folate level. Folate is important for making red blood cells, and for repairing cells and nerve tissue in your body.

Vitamin B12 measures your level of vitamin B12, an essential for making red blood cells, and maintaining a healthy nervous system.

Magnesium This test is used to evaluate the level of magnesium in the blood. Levels that are too low are known as hypomagnesemia or magnesium deficiency. This is more common than levels that are too high, which is called hypermagnesemia.

Testosterone Testosterone may be ordered when infertility is suspected or when a man has a decreased sex drive or erectile dysfunction. Low levels of total and bioavailable testosterone have also been associated with a greater presence of visceral fat (midriff or organ fat), insulin resistance, and increased risk of coronary artery disease.

Estradiol designed for the evaluation of fertility of women of reproductive age and for the support of in vitro fertilization.

Progesterone used to help show whether low progesterone levels are causing female infertility (problems getting pregnant after a year of trying) or problems during pregnancy. The test may also help diagnose certain problems with the adrenal glands that may cause high levels of progesterone in both females and males.

FSH measures the level of follicle-stimulating hormone (FSH) in the blood. FSH is made by the pituitary gland. FSH plays an important role in sexual development and functioning.

LH measures the level of luteinizing hormone (LH) in the blood. LH is made by your pituitary gland. LH plays an important role in sexual development and functioning.

SHBG measures the levels of SHBG in a sample of the blood. SHBG stands for sex hormone binding globulin. It's a protein made mostly in your liver. It binds (attaches) to sex hormones in your blood.

TSH This protein hormone is secreted by the pituitary gland and regulates the thyroid gland. A high level suggests the thyroid is under active and a low level suggests the thyroid is overactive.

Iron Saturation measures the level of iron in the blood.

Directions

Fasting: 10-12 hours fasting preferred, but not required

Results: Average lab processing time 2-3 days. Note: Turnaround times are an estimate and are not

guaranteed. Turnaround times may be effected by weather, holidays, confirmation/repeat testing, or equipment maintenance.

Results: A copy of your results will be mailed to you.

Abnormal Results: A Davis Medical Center Health Coach will contact you to discuss any abnormal results.