



Directory of Tests

Saliva, blood spot and dried urine are used for the minimally-invasive hormone testing that is the hallmark of ZRT Laboratory. The simplicity of sample collection and stability of samples in storage and transport have made these ideal for clinical use as well as research. Serum testing is now also available for some tests. See the table for a list of all our tests and assay methods used.

TESTS	CPT CODE	SALIVA	BLOOD SPOT	DRIED URINE
Steroid Hormone Testing				
Estradiol (E2)**	82670	EIA/LCMS	LCMS	GCMS
2-OH E2, 4-OH E2, 2-MeO E2, 4-MeO E2	82670			GCMS
Estriol (E3)	82677	LCMS	LCMS	GCMS
Estrone (E1)	82679	LCMS	LCMS	GCMS
2-OH E1, 4-OH E1, 16 α -OH E1, 2-MeO E1, 4-MeO E1	82679			GCMS
Estrone-3-Glucuronide (E1G)	82679			EIA
Pregnenolone sulfate (PregS)	84140	LCMS		
Progesterone (Pg)**	84144	EIA/LCMS	LCMS	
Pregnanediol (Pgdiol), Allopregnanediol (AlloPd)	84135			GCMS
Pregnanediol-3-Glucuronide (PDG)	84135			EIA
Allopregnanolone (AlloP)	84140	LCMS		GCMS
17-OH Progesterone (17OHPg)	83498	LCMS		
3 α -dihydroprogesterone (3 α HP)	84144			GCMS
20 α -dihydroprogesterone (20 α -HP)	83498			GCMS
11-Deoxycorticosterone (DOC)	82633			GCMS
Androstenedione (Adione)	82157	LCMS		GCMS
Testosterone (T)**	84402	LIA/LCMS		
Testosterone (T)**	84403		LCMS	GCMS
Epi-testosterone (Epi-T)	82542			GCMS
5 α -dihydrotestosterone (5 α -DHT)	82642	LCMS		GCMS
DHEA (D)	82626	LCMS		GCMS
DHEA-S (DS)	82627	EIA/LCMS	LCMS	
7-Keto DHEA (7keto)	82542	LCMS		
Etiocholanolone (Etio)	82696			GCMS
Androsterone (Andro)	82160			GCMS
5 α ,3 α -Androstenediol (5 α ,3 α)	82154			GCMS
11-Deoxycortisol (11DC)	82634	LCMS		
Cortisol (C)**	82530	EIA/LCMS		
Cortisol (C)**	82533		LCMS	
Free Cortisol (FC)	82530			LCMS
Total Cortisol (TC)	82533			GCMS
Cortisone (Cn)	82530	LCMS		
Free Cortisone (FCn)	82530			LCMS
Total Cortisone (TCn)	82533			GCMS
Tetrahydrocortisol (ThC), Tetrahydrocortisone (ThCn)	83491			GCMS
Corticosterone (Ccn)	82528	LCMS		GCMS
Aldosterone (Ald)	82088	LCMS		
Hormone-Related Testing				
Bisphenol A (BPA)	82542			GCMS
Ethinyl estradiol (EE)	82670	LCMS		
Melatonin (Mel)	82542	LCMS		
Melatonin (MT6s)	82542			LCMS
Sex hormone binding globulin (SHBG)	84270		ECLIA	
Prostate-Specific Antigen (PSA)	84153		ECLIA	
Anastrozole (ANZ)	82542	LCMS		
Finasteride (FIN)	82542	LCMS		
Letrozole (LTZ)	82542	LCMS		

TESTS	CPT Code	SALIVA	BLOOD SPOT	DRIED URINE
Luteinizing Hormone (LH)	83002		ECLIA	EIA
Follicle-Stimulating Hormone (FSH)	83001		ECLIA	
Vitamin D (25-OH D2/25-OH D3)	82306		LCMS	
Ferritin (FER)	82728			
Anti-Müllerian Hormone (AMH)	82166		ECLIA	
Thyroid Testing				
Free Thyroxine (fT4)	84439		ECLIA	
Free Triiodothyronine (fT3)	84481		ECLIA	
Thyroglobulin (Tgbn)	84432		ECLIA	
Thyroid-Stimulating Hormone (TSH)	84443		ECLIA	
Thyroid Peroxidase Antibodies (TPOab)	86376		EIA	
Thyroxine (T4), total	84436		ECLIA	
Cardiometabolic Testing				
Cholesterol (CH), total	82465		PHOT	
HDL Cholesterol (HDL)	83718		PHOT	
Hemoglobin A1c (HbA1c)	83036		PHOT	
High-Sensitivity C-Reactive Protein (hsCRP)	86141		EIA	
Insulin (Ins), fasting	83525		EIA	
Triglycerides (TG)	84478		PHOT	
Lipids Panel (TG, HDL, & CH)	80061		Enzymatic	
Neurotransmitter Testing				
5-Hydroxyindoleacetic acid (5-HIAA)	83497			LCMS
Dopamine (DA), DOPAC	82384			LCMS
Norepinephrine (NE), Epinephrine (Epi)	82384			LCMS
GABA, Glutamate (Glu), Glycine (Gly)	82139			LCMS
Tryptophan, Kynurenine, 3-Hydroxykynurenine	82139			LCMS
Taurine (Tau), Glutamine (Gln), Histidine (His)	82139			LCMS
Phenethylamine (PEA), N-Methylhistamine, Tyramine	82542			LCMS
Histamine (Hist)	83088			LCMS
Kynurenic acid (KynAC), Xanthurenic acid (Xanth)	83921			LCMS
Homovanillic acid (HVA)	83150			LCMS
Normetanephrine (NMN)	83835			LCMS
Serotonin (5-HT)	84260			LCMS
Tyrosine (Tyr)	84510			LCMS
Vanillylmandelic acid (VMA)	84585			LCMS
Creatinine (Crtn)	82570			LCMS
Heavy Metals & Essential Elements Testing				
Arsenic (As)	82175			ICPMS
Bromine (Br)	84311			ICPMS
Cadmium (Cd)	82300		ICPMS	ICPMS
Copper (Cu)	82525		ICPMS	
Iodine (I)	84311			ICPMS
Lead (Pb)***	83655		ICPMS	
Lithium (Li)	80178			ICPMS
Magnesium (Mg)	83735		ICPMS	
Mercury (Hg)	83825		ICPMS	ICPMS
Selenium (Se)	84255		ICPMS	ICPMS
Zinc (Zn)	84630		ICPMS	
Adjunct to Urine Testing				
Creatinine (Crtn)	82570			Colorimetric

The American Medical Association's Current Procedural Terminology (CPT®) codes are provided for informational purposes only to assist with billing. ZRT assumes no responsibility for billing errors due to reliance on the published CPT codes.

****Tested in saliva, blood spot and serum. Saliva measures free (bioavailable) levels; blood spot and serum measure total (free plus protein-bound)**

***** Only Available to Research Accounts**