



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	SERUM	DRIED URINE
Steroid Hormone Testing					
Estradiol (E2)**	82670	EIA/LCMS	LCMS	LIA	GCMS
2-OH E2, 4-OH E2, 2-MeO E2, 4-MeO E2	82670				GCMS
Estrilol (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	LIA	
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	LIA	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	LIA	
7-Keto DHEA (7keto)	82542	LCMS			
Etiolcholanolone (Etio)	82696				GCMS
Androsterone (Andro)	82160				GCMS
5 α ,3 α -Androstane-3,17-dione (5 α ,3 α)	82154				GCMS
11-Deoxycortisol (11DC)	82634	LCMS			
Cortisol (C)**	82530	EIA/LCMS			
Cortisol (C)**	82533		LCMS	LIA	
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		LIA	LIA	
Prostate-Specific Antigen (PSA)	84153		LIA	LIA	
Anastrozole (ANZ)	82542	LCMS			
Finasteride (FIN)	82542	LCMS			
Letrozole (LTZ)	82542	LCMS			

TESTS	CPT Code	SALIVA	BLOOD SPOT	SERUM	DRIED URINE
Luteinizing Hormone (LH)	83002		LIA	LIA	EIA
Follicle-Stimulating Hormone (FSH)	83001		LIA	LIA	
Vitamin D (25-OH D2/25-OH D3)	82306		LCMS		
Ferritin (FER)	82728			LIA	
Thyroid Testing					
Free Thyroxine (fT4)	84439		EIA	LIA	
Free Triiodothyronine (fT3)	84481		EIA	LIA	
Thyroglobulin (TG)	84432		LIA		
Thyroid-Stimulating Hormone (TSH)	84443		LIA	LIA	
Thyroid Peroxidase Antibodies (TPOab)	86376		EIA	LIA	
Thyroxine (T4), total	84436		TRFIA		
Cardiometabolic Testing					
Cholesterol (CH), total	82465		Enzymatic		
HDL Cholesterol (HDL)	83718		Enzymatic		
Hemoglobin A1c (HbA1c)	83036		ITA		
High-Sensitivity C-Reactive Protein (hsCRP)	86141		EIA		
Insulin (Ins), fasting	83525		EIA		
Triglycerides (TG)	84478		Enzymatic		
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**