

TEST NAME/ PSYCHE CODE	COLLECTION GUIDELINES	REFERENCE VALUES	ROOM TEMP.	REFRIGERATED	FROZEN	Clinical Utility
CA19-9 (CA-GI) CODE: C199 CPT: 86301	1.0 SERUM OR HEPARIN PLASMA SCHEDULE: M, W, F	LESS THAN 35 U/mL	8 hours	48 hours	UNDETERMINED	CA 19-9 may be ordered along with other tests, such as carcinoembryonic antigen (CEA), bilirubin, and/or a liver panel, when a person has symptoms that may indicate pancreatic cancer.
CA 125 (OVARIAN) CODE: C125 CPT: 86304	1.0 SERUM OR HEPARIN PLASMA SCHEDULE: M, W, F	HEALTHY FEMALE: LESS THAN 35 U/mL	8 hours	48 hours	-----	Cancer antigen 125 (CA-125) is a protein found on the surface of many ovarian cancer cells. It also can be found in other cancers and in small amounts in normal tissue. A CA-125 test measures the amount of this protein in the blood.
CA 15-3 (BREAST) CODE: CA 15 CPT: 86300	1.0 SERUM SCHEDULE: M, W, F	LESS THAN 5.3 U/mL	8 hours	48 hours	UNDETERMINED	CA 15-3 is not sensitive or specific enough to be considered useful as a tool for cancer screening. Its main use is to monitor a person's response to breast cancer treatment and to help watch for breast cancer recurrence.
C DIFF TOXIN CODE: CDT CPT: 87230	STOOL SHOULD BE COLLECTED AND REFRIGERATED ASAP. SCHEDULE: M, W, F	NEGATIVE	-----	48 hours	1 week	The stool C. difficile toxin test detects harmful substances produced by the bacterium Clostridium difficile (C. difficile) in a stool sample. This infection is a common cause of diarrhea after antibiotic use.
C REACTIVE PROTEIN CODE: CRP CPT: 86140	1.0 ml SERUM SCHEDULE: DAILY	0.0-1.0 mg/dL	-----	48 hours	-----	It is used by a doctor to detect inflammation if there is a high suspicion of tissue injury or infection somewhere in the body, but the test cannot tell where the inflammation is or what condition is causing it.
CALCIUM, SERUM CODE: CA CPT: 82310	1.0 ml SERUM SCHEDULE: DAILY	ADULT: 8.2-10.5 mg/dL BIRTH- 1 YR: 9.0-10.9 mg/dL 1-3 YR: 8.9-10.3 mg/dL	-----	48 hours	1 year	To determine if the level of calcium in your blood is within normal limits. Decreased in thyroid conditions, certain cancers, drug therapy
CALCIUM, 24 HR. URINE CODE: 24UCA CPT: 82340	REFRIGERATE 24 HOUR SPECIMEN SCHEDULE: DAILY	100-300 mg/24 HR	-----	5 days	-----	To determine if the level of calcium in your urine is within normal limits
CALCIUM, RANDOM URINE CODE: RUCA CPT: 82310	REFRIGERATE 10 ml RANDOM SPECIMEN. SCHEDULE: DAILY	NONE AVAILABLE	-----	5 days	6 months	To determine if the level of calcium in your urine is within normal limits
CANABANNOID, URINE QUALITATIVE (THC, MARIJUANA) CODE: T100 CPT: 80101	30 ml URINE SCHEDULE: DAILY	INTERPRETIVE REPORT	-----	3-13 days	-----	Testing detects this substance not normally found in the body
CARBAMAZEPINE, SERUM (TEGRETOL) CODE: TEGR CPT: 80156	1.0 ml SERUM OR HEPARIN PLASMA. SCHEDULE: DAILY	4-10 mg/mL WITH PERScription	-----	48 hours	-----	The carbamazepine test is used to measure and monitor the amount of carbamazepine in the blood to determine whether the level of drug is within the therapeutic range.

<p>CBC, DIFFERENTIAL AND PLATELET COUNT</p> <p>CODE: CBC</p> <p>CPT: 85025</p>	<p>1 LAVENDER TOP, UNHEMOLYZED. REFERENCE RANGE IS SEX AND AGE DEPENDENT. 24 HOUR STABILITY TO ENSURE PROPER CELL VIABILITY</p> <p>SCHEDULE: DAILY</p>	<p><u>CBC: ADULT FEMALE</u> WBC=4.8-10.8 10³/uL RBC=4.20-5.40 10⁶/uL HGB=11.1-15.5 g/dL HCT=33.0-46.0% MCV=81-99 fL MCHC=32.0-36.0 g/dL MCH=27-31 pg RDW=9.0-15.0 % PLATELET=150-400 10³/uL</p> <p><u>ADULT MALE</u> WBC=4.8-10.8 10³/uL RBC= 4.70-6.10 10⁶/uL HGB=11.8-16.8 g/dL HCT=36.0-49.0 % MCV=80.0-94.0 fL MCHC=32.0-36.0 g/dL MCH=27.0-31.0 pg RDW=9.0-15.0 % PLATELET=150-400 10³/uL</p> <p><u>DIFFERENTIAL</u> NEUTROPHILS=1.5-7.8 10³/uL LYMPHOCYTES=0.8-4.1 10³/uL MONOCYTES= 0.2-1.1 10³/uL EOSINOPHILS=0.0-0.6 10³/uL BASOPHILS=0.0-0.2 10³/uL</p>	<p>-----</p>	<p>24 hours</p>	<p>-----</p>	<p>A complete blood count (CBC) gives important information about the kinds and numbers of cells in the blood, especially red blood cell count, white blood cell count and platelet count. A CBC helps your doctor check any symptoms, such as weakness, fatigue, or bruising, you may have. A CBC also helps him or her diagnose conditions, such as anemia, infection, and many other disorders.</p>
<p>CEA (CARCINOEMBRYONIC ANTIGEN)</p> <p>CODE: CEA</p> <p>CPT: 82378</p>	<p>2.0 ml SERUM SUBMIT SAME DAY OR REFRIGERATE</p> <p>SCHEDULE: DAILY</p>	<p>0.0-2.5 ng/mL</p>	<p>8 hours</p>	<p>48 hours</p>	<p>UNDETERMINED</p>	<p>The carcinoembryonic antigen (CEA) test measures the amount of this protein that may appear in the blood of some people who have certain kinds of cancers, especially large intestine (colon and rectal) cancer.</p>
<p>CELL COUNT, CSF</p> <p>CODE: CCCSF</p> <p>CPT:</p>	<p>1.0 ml SPINAL FLUID</p> <p>SCHEDULE: DAILY</p>	<p>INTERPRETIVE REPORT</p>	<p>Immediate--2 hours</p>	<p>-----</p>	<p>-----</p>	<p>This test screens for blood cells in the spinal fluid, which should be cell free.</p>
<p>CHLAMYDIA/GC RNA</p> <p>CODE: CTGCRNA</p> <p>CPT: 36000</p>	<p>APTIMA URINE OR SWAB TUBES PROVIDED BY PPL OR THIN PREP SOLUTION. SPECIMENS KEPT AT ROOM TEMPERATURE.</p> <p>SCHEDULE: M, W, F</p>	<p>CHLAMYDIA: NEGATIVE GONORRHEA: NEGATIVE</p>	<p>2 weeks</p>	<p>30 days</p>	<p>12 months</p>	<p>Genital specific, test for chlamydia and Gonorrhea bacteria not normally found classified as an STD--through a RNA probe amplification process tehfore providing an expiditious evaluation.</p>
<p>CELL COUNT, MISC. FLUIDS</p> <p>CODE: CCFL</p> <p>CPT: 89050</p>	<p>2.0 ml IN LAVENDER (EDTA) TUBE. 0.5 ml MINIMUM- NO DIFFERENTIAL PERFORMED ON THESE SHORT SAMPLES. CLOTTED SPECIMENS WILL NOT GET CELL COUNTS, BUT WILL RECEIVE A DIFFERENTIAL. NOTE SOURCE ON REQUISITION.</p> <p>SCHEDULE: DAILY</p>	<p>NONE</p>	<p>8 Hours</p>	<p>-----</p>	<p>-----</p>	<p>Used to determine infection/inflammation at fluid source.</p>

CHLORIDE, SERUM CODE: CL CPT: 82435	1.0 ml SERUM SCHEDULE: DAILY	96-110 mmol/L	-----	48 hours	-----	Chloride measurements are used in the diagnosis and treatment of electrolyte and metabolic disorders such as cystic fibrosis and diabetic acidosis.
CHLORIDE, URINE (24 HR. AND CODE (24 HR): -24UCL CODE (RANDOM): -RUCL CPT: 82436	12 ml OF 24 HOUR OR RANDOM URINE. SCHEDULE: DAILY	24 HR= 150-250 mmol/24 HR RANDOM=NONE AVAILABLE	2 Hours	24 hours	-----	Chloride testing is often ordered, along with other electrolytes, as part of a regular physical to screen for a variety of conditions.
CHOLESTEROL CODE: CHOL CPT: 82465	2 ml SERUM. 8-12 HOUR FAST RECOMMENDED. SCHEDULE: DAILY	70-210 mg/dL	-----	48 hours	-----	Cholesterol testing is recommended as a screening test to be done on all adults at least once every five years. It is frequently done in conjunction with a routine physical exam. It is usually ordered in combination with other tests including high-density lipoprotein cholesterol (HDL-C), low-density lipoprotein cholesterol (LDL-C), and triglycerides
CK, SERUM (CREATINE PHOSPHOKINASE, CPK) CODE: CPK CPT: 82550	1 ml SERUM SCHEDULE: DAILY	54-269 IU/L AGE AND SEX DEPENDENT: SEE REPORT FOR AMENDED RANGE	4 hours	8-12 hours	-----	A creatine kinase (CK) test may be used to detect inflammation of muscles (myositis) or serious muscle damage and/or to diagnose rhabdomyolysis if a person has signs and symptoms, such as muscle weakness, muscle aches, and dark urine.
CK-MB (CREATINE KINASE-MB) CODE: CKMB CPT: 82553	1 ml SERUM SCHEDULE: DAILY	0.3-4.0 ng/mL	8 hours	48 hours	UNDETERMINED	To distinguish between skeletal muscle and heart muscle damage; sometimes to determine if you have had a heart attack (if the troponin test is not available); sometimes to monitor for additional heart damage
CO2, SERUM CODE: CO2 CPT: 82374	1.0 ml SERUM SCHEDULE: DAILY	22-32 mmol/L AGE AND SEX DEPENDENT: SEE REPORT FOR AMENDED RANGES.	-----	48 hours	-----	Measurements are used in the diagnosis and treatment of numerous potentially serious disorders associated with changes in body acid-base balance.
COCAINE METABOLITE, URINE QUALITATIVE CODE: COCA CPT: 80102	30 ml URINE SCHEDULE: DAILY	INTERPRETIVE REPORT	-----	24-36 hours	-----	This testing detects this substance not normally found in the body
COOMBS DIRECT (DAT) CODE: DC CPT: 86886	SUBMIT 1 EDTA LAVENDER TOP AND 1 RED TOP TUBE. DO NOT USE SERUM SEPARATOR TUBES. SCHEDULE: DAILY	N/A	24 hours	24 hours	-----	The direct antiglobulin test (DAT) is used primarily to help determine if the cause of hemolytic anemia is due to antibodies attached to RBCs.
COOMBS, INDIRECT (ANTIBODY SCREEN) CODE: ABSC CPT: 86885	SUBMIT 1 EDTA LAVENDER TOP AND 1 RED TOP TUBE. DO NOT USE SERUM SEPARATOR TUBES. SCHEDULE: DAILY	N/A	8 hours	3 days	-----	An RBC antibody screen is used to screen an individual's blood for antibodies directed against red blood cell (RBC) antigens other than the A and B antigens.
CREATININE, URINE (24 HR. AND RANDOM) CODE (24 HR.): 24UCR CODE (RANDOM): RUCR CPT: 82570	12 ml OF 24 HOUR OR RANDOM URINE. KEEP REFRIGERATED DURING COLLECTION. SCHEDULE: DAILY	<u>RANDOM</u> : NO RANGE ESTABLISHED <u>24 HOUR</u> : FEMALE: 600-1800 mg/24 HR	48 hours	6 days	-----	The creatinine test is used to assess kidney function.
CREATININE, SERUM CODE: CREA CPT: 82565	2 ml SERUM. FASTING PREFERRED. SCHEDULE: DAILY	0.5-1.2 mg/dL	-----	48 hours	-----	The creatinine blood test is used along with a BUN (blood urea nitrogen) test to assess kidney function.

CREATININE CLEARANCE, 24 HR. CODE: CRECLR CPT: 82575	BLOOD AND URINE SPECIMENS ARE REQUIRED. COLLECT A 24 HOUR URINE SPECIMEN AND KEEP REFRIGERATED, DURING COLLECTION COLLECT ONE SST FOR SERUM CREATININE. HEIGHT AND WEIGHT OF PATIENT REQUIRED FOR ACCURATE CALCULATION. SCHEDULE: DAILY	75-115 ml/MIN	48 hours	6 days	-----	To help detect and evaluate kidney dysfunction or decreased blood flow to the kidneys
C-REACTIVE PROTEIN (CRP) CODE: CRP CPT: 86140	1 ml SERUM SCHEDULE: DAILY	0.0-1.0 mg/dL	-----	48 hours	-----	C-reactive protein (CRP) is used by a doctor to detect inflammation if there is a high suspicion of tissue injury or infection somewhere in the body, but the test cannot tell where the inflammation is or what condition is causing it.
CRYSTALS, JOINT AND MISC. FLUID CODE: CRYF CPT: 89060	1 ml FLUID IN LAVENDER TOP; SUBMIT IMMEDIATELY SCHEDULE: DAILY	NEGATIVE	8 hours	-----	-----	Use to determine if inflammation of joint is due to pathological crystals.
ACID FAST BACTERIA (AFB) CODE: AFBS CPT: 87081	SPUTUM IS SPECIMEN OF CHOICE. IT IS SUGGESTED TO PERFORM AT LEAST THREE AFB CULTURES WITH THREE DIFFERENT SPECIMENS ON A PATIENT WITH PRESENTATION OF SYMPTOMS. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	An acid fast culture is used to look for microbacteria in a sample from a site of suspected infection. This culture takes up to 8 weeks due to the nature of the microbacteria.
CULTURE, ANAEROBIC CODE: ACUL CPT: 87075	CULTURES ARE ACCEPTABLE FROM ANY NORMALLY STERILE SITE. ANAEROBIC CULTURES ARE UNACCEPTABLE FROM MUCOSAL SURFACES WITH NORMAL FLORA. NORMAL FLORA FROM THESE SITES ALWAYS INCLUDE ANAEROBES AND RESULTS ARE UNINTERPRETABLE. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	A bacterial wound culture is primarily ordered to help determine whether a wound is infected, to identify the bacteria causing the infection, and to prepare a sample for susceptibility testing where required.
CULTURE, BETA STREP CODE: GRBC CPT: 87070	ONLY FOR PRESENCE OR ABSENCE OF GROUP B BETA-STREP. USING A CULTURETTE, TAKE SPECIMEN FROM THE VAGINA AND THE RECTUM. SCHEDULE: DAILY	NO GROWTH	-----	48 Hours	-----	A rapid strep test is used to determine whether a person has a group A streptococcal infection.
CULTURE, BLOOD CODE: BCUL CPT: 87040	DRAW IN APPROPRIATE BOTTLES. SUBMIT WITHIN 12 HOURS. Keep at Room Temp, DO NOT INCUBATE SCHEDULE: DAILY	NO GROWTH	24 hours	-----	-----	Bacterial sepsis constitutes one of the most serious infectious diseases. The detection of microorganisms in a patient's blood has importance in the diagnosis and prognosis of endocarditis, septicemia, or chronic bacteremia.

CULTURE, BODY FLUID CODE: WCUL CPT:87070	SUBMIT 2-3 ml OF FLUID IN STERILE RED TOP TUBE. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	5 DAYS	Bacteria detected in a body fluid indicate a need for an antibiotic treatment regimen.
CULTURE, FUNGAL CODE: FCUL CPT: 87149	SWABS, TISSUES, FLUIDS, SKIN SCRAPINGS SET UP DAILY. HELD FOR 4 WEEKS. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	Fungal cultures are used to help detect and diagnose a fungal infection, to help guide treatment, and/or sometimes to monitor the effectiveness of treatment.
CULTURE, GENITAL CODE: GCUL CPT: 87070	PLEASE INDICATE SOURCE SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	Genital cultures detect a condition which needs treatment
CULTURE, LESION CODE: WCUL CPT: 87070	PLEASE INDICATE SOURCE SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	Positive lesion cultures indicate need for treatment
CULTURE, SPUTUM CODE: TCUL CPT: 87080	EXUDATE FROM DEEP COUGH. SPECIMENS RECEIVED FROM RESPIRATORY TRACT ARE ORDERED AS THROAT CULTURES DUE TO THE PRESENCE OF NORMAL UPPER RESPIRATORY FLORA. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	A sputum culture is ordered to detect and diagnose bacterial lower respiratory tract infections such as bacterial pneumonia
Culture, Stool CODE: STCL CPT 87045	PLEASE PUT IN MCB IF NOT RECEIVED WITH IN 24 HOURS SCHEDULE: DAILY	NO GROWTH	-----	48 Hours	-----	Stool Cultures are used to rule out enteric pathogens
CULTURE, THROAT CODE: TCUL CPT: 87080	DEPRESS TONGUE AND, USING A CULTURETTE, SWAB POSTERIOR WALL OF PHARYNX OR ANY AREA WITH OBVIOUS EXUDATE. AVOID TONGUE. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	A throat culture is ordered to diagnose upper respiratory tract infection, such as bacterial pneumonia
CULTURE, URINE AND COLONY COUNT CODE: UCUL CPT: 87086	INCLUDES QUANTITATIVE COLONY DETECTING GREATER THAN 50,000 CFU/ml. SUBMIT MIDSTREAM OR CATH URINE IN STERILE CONTAINERS. REFRIGERATE SPECIMEN UNTIL SUBMITTED. SCHEDULE: DAILY	NO GROWTH	-----	48 hours	-----	The urine culture test is used to diagnose a urinary tract infection (UTI)