



Precision You Can Trust. Speed You Can Count On.



At Chemisys, we're more than just a lab — we're your partner in patient care. As a full-service laboratory, we deliver fast service, real support, and seamless testing from draw to data — faster, smarter, better.

Count on us for accurate results, compassionate service, and the reliability your practice deserves.

Why Choose Our Lab?



Laboratory tests include blood, urine, infectious disease, STI's, covid-19, and more



Most results available in 24-48 hours



EMR Intergrations



All insurances accepted



In-house billing



Cutting-edge instrumentation



HIPAA-compliant digital reporting



Personalized customer support



CLIA-certified and CAP-accredited



 **Chemisys Laboratories**
17-01 Pollitt Dr, Fair Lawn, NJ 07410
 <https://chemisys.net/>



General Health and Routine Screening:

- **Complete Blood Count (CBC)** – Evaluates overall health and detects disorders like anemia or infection.
- **Basic Metabolic Panel (BMP)** – Measures glucose, electrolytes, and kidney function.
- **Comprehensive Metabolic Panel (CMP)** – Includes BMP tests plus liver function tests.
- **Lipid Panel** – Measures cholesterol levels, including LDL, HDL, and triglycerides.
- **HIV Test** – Detects HIV infection.
- **Hepatitis Panel** – Screens for hepatitis A, B, and C.
- **COVID-19 Antibody Test** – Detects past COVID-19 infection.

Organ Function and Disease Screening:

- **Liver Function Tests (LFTs)** – Assesses liver enzymes (ALT, AST, ALP, bilirubin).
- **Kidney Function Tests** – Includes blood urea nitrogen (BUN) and creatinine levels.
- **Thyroid Function Tests** – Includes TSH, T3, and T4 to assess thyroid health.

Blood Sugar and Diabetes Screening:

- **Glucose Test** – Measures blood sugar levels.
- **Hemoglobin A1c (HbA1c)** – Monitors long-term blood sugar control.

Inflammation and Immune Response:

- **C-Reactive Protein (CRP)** – Detects inflammation in the body.
- **Erythrocyte Sedimentation Rate (ESR)** – Measures inflammation levels.
- **Rheumatoid Factor (RF)** – Helps diagnose autoimmune diseases like rheumatoid arthritis.
- **Antinuclear Antibody (ANA) Test** – Screens for autoimmune disorders such as lupus.

Infection and Immune Function:

Immunoglobulin Panel (IgG, IgA, IgM, IgE)

Assesses the levels of antibodies to evaluate immune status or deficiencies.

- **Hepatitis Panel (A, B, C)** – Detects active or past hepatitis virus infections
- **Syphilis Testing (RPR/TP-PA or EIA)** – Screens for and confirms syphilis
- **Chlamydia & Gonorrhea NAAT** – Molecular test for common STIs
- **PCR Panels (e.g., Respiratory, GI, Meningitis/Encephalitis)** – Rapid detection of multiple pathogens by DNA/RNA

Blood Clotting and Anemia Tests:

- **Iron Panel (Ferritin, TIBC, Serum Iron)** – Evaluates iron levels and anemia.
- **Vitamin B12 and Folate Test** – Checks for deficiencies leading to anemia.
- **Coagulation Tests (PT, INR, aPTT)** – Assesses blood clotting function.

Hormone and Other Specialized Tests:

- **Testosterone Levels** – Measures male and female hormone levels.
- **Progesterone and Estrogen Tests** – Evaluates reproductive hormones.
- **Cortisol Test** – Assesses adrenal gland function and stress response.
- **Vitamin D Test** – Measures vitamin D levels for bone and immune health.

Urine Drug Screening for medication monitoring and/or addiction treatment.

Addiction treatment, urine drug testing is a critical tool for monitoring substance use and treatment progress. The most common urine tests used in addiction treatment include (as part of our over 140 panel urine to testing):

Common Panel Tests:

- Marijuana (THC)
- Cocaine
- Opiates (Heroin, Morphine, Codeine)
- Amphetamines (Methamphetamine, Adderall)
- Phencyclidine (PCP)
- Benzodiazepines (Xanax, Valium)
- Barbiturates (Phenobarbital, Secobarbital)
- Methadone
- Methaqualone (Quaaludes)
- Propoxyphene (Darvon)
- Ecstasy/MDMA
- Oxycodone (OxyContin, Percocet)

Specific Urine Tests for Addiction Treatment:

- **Alcohol (EtG/EtS Test)** – Detects alcohol use up to 80 hours after consumption.
- **Fentanyl Test** – Screens for fentanyl, a synthetic opioid often mixed with heroin.
- **Synthetic Cannabinoids (K2/Spice Test)** – Detects synthetic marijuana.
- **Buprenorphine Test** – Monitors buprenorphine (Suboxone, Subutex) use in treatment.
- **Tramadol Test** – Screens for tramadol, a prescription opioid.
- **White Blood Cell (WBC) Count** – Checks immune system response to infections.
- **Gabapentin/Pregabalin Test** – Checks for misuse of these medications.
- **Kratom Test** – Detects kratom, a plant with opioid-like effects.

Urine Adulteration and Validity Tests:

- **Creatinine Level** – Identifies diluted urine samples.
- **Specific Gravity & pH Test** – Checks for tampering.
- **Oxidant Test** – Detects substances added to interfere with drug detection.
- **VALIDITY PLUS** – the next level in detecting synthetic urines and body cleanses.

Other testing available including Allergy, Pharmacogenetics, Cancer Genomics

(CGX), Gastroenterology NGS Testing, Neurological NGS Testing, and more

- **Please also add Molecular UTI Testing:** Bacterial Pathogens: Detects a wide range of bacteria commonly causing UTIs (e.g., E. coli, Klebsiella, Proteus, Enterococcus, Pseudomonas).
- **Fungal Pathogens:** Identifies fungal organisms such as Candida species that may be involved in complicated or catheter-associated UTIs.
- **Viral Agents (if applicable):** Some panels include detection of viral pathogens (e.g., BK virus) relevant in immunocompromised patients.
- **Antibiotic Resistance Genes:** Screens for resistance markers like ESBL, KPC, NDM, and others to guide effective antimicrobial therapy.