

Certified Laboratory of Medical Analysis MTZ Clinical Research offers the following range of diagnostic tests:

| NAME OF DIAGNOSTIC PANEL | LABORATORY TEST NAME | MATERIAL |
|---------------------------------------|---|---------------------|
| Hematology tests: | Hematology and Differential Panel (5-DIFF) | Whole blood |
| | ESR (Estimated Sedimentation Rate) | Whole blood |
| Chemistry Panel: | | |
| Protein Panel | Total protein | Serum |
| | Albumin | Serum |
| Hepatic enzymes | AST (<i>aspartate aminotransferase</i>) | Serum |
| | ALT (<i>alanine aminotransferase</i>) | Serum |
| | ALP (<i>alkaline phosphatase</i>) | Serum |
| | GGTP (<i>gamma-glutamylotranspeptidase</i>) | Serum |
| | LDH (<i>lactate dehydrogenase</i>) | Serum |
| | Total bilirubin | Serum |
| | Direct bilirubin | Serum |
| | Indirect bilirubin | Calculated method |
| Pancreatic enzymes | Amylase | Serum |
| | Lipase | Serum |
| Lipid Profile | Total Cholesterol | Serum |
| | HDL-chol | Serum |
| | LDL-chol | Calculated method |
| | Triglycerides | Serum |
| Renal Profile | Serum creatinine + GFR | Serum |
| | Urea/BUN (<i>blood urea nitrogen</i>) | Serum |
| | Uric acid | Serum |
| Electrolytes and microelements | Sodium | Serum |
| | Potassium | Serum |
| | Magnesium | Serum |
| | Chloride | Serum |
| | Calcium | Serum |
| | Phosphates | Serum |
| Other tests: | CK (creatine kinase) (quantitative) | Serum |
| | CRP (C-Reactive Protein) | Serum |
| | Iron | Serum |
| | Glucose | Serum, plasma |
| Urinalysis: | Urine Macro Panel (<i>dipstick</i>) | Urine |
| | Microscopic assessment of urine sediment | Urine |
| | Urine Pregnancy test (β -hCG) | Urine |
| Toxicology: | Urine Cotinine Test | Urine |
| | Urine Drug Screen Tests (amphetamines, barbiturates, benzodiazepines, cannabinoids, cocaine, opioids) | Urine |
| | Alcohol Breath Test | Exhaled breath test |

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