

Certified Laboratory of Medical Analysis MTZ Clinical Research offers the following range of diagnostics 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
	Triglicerydes	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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