



Test Menu

Immunochemical Core Laboratory

Mayo Clinic

For tests not listed, alternate specimen types/volumes, or other inquiries please contact the lab manager.

* An asterisk indicates special collection tube or inhibitors necessary, please contact the lab manager.

Test Name	Platform/Method	Preferred Specimen	Required Volume
11-Ketosteroid Panel	LC-MS/MS	Serum	0.5 mL
25-Hydroxyvitamin D2 and D3 (D2, D3, total)	LC-MS/MS	Serum	0.4 mL
7 α -Hydroxy-4-cholestene-3-one (7 α C4)	LC-MS/MS	Serum	0.5 mL
Adiponectin	RIA	Plasma	0.5 mL
Adrenocorticotrophic Hormone (ACTH)	Automated Immunoassay	Plasma	1.0 mL
Albumin	Chemistry Analyzer	Serum	1.0 mL
Amyloid A (Serum)	ELISA	Serum	0.3 mL
Apolipoprotein A1 (Apo A-1)	Chemistry Analyzer	Plasma	1.0 mL
Apolipoprotein B (Apo B)	Chemistry Analyzer	Plasma	1.0 mL
Bile acids, total (serum)	Chemistry Analyzer	Serum	1.0 mL
Bile acids, fractionated (stool)	LC-MS/MS	Stool	100 mg
Bone Alkaline Phosphatase (BAP)	ELISA	Serum	1.0 mL
Brain Natriuretic Peptide (BNP)	Automated Immunoassay	Plasma	1.0 mL
Carbohydrate antigen 19-9 (CA 19-9)	Automated Immunoassay	Serum	0.5 mL

Cholesterol, total	Chemistry Analyzer	Plasma	1.0 mL
Cortisol	Automated Immunoassay	Serum	1.0 mL
C-Peptide	Automated Immunoassay	Serum	1.0 mL
C-Reactive Protein (CRP), high-sensitivity	Chemistry Analyzer	Serum	1.0 mL
Creatinine, serum	Chemistry Analyzer	Serum	1.0 mL
Creatinine, urine	Chemistry Analyzer	Urine	1.0 mL
C-Terminal Peptide of Type I Collagen (β-CrossLaps, CTx)	Automated Immunoassay	Serum	1.0 mL
Cytokines - See "MSD 10-Plex Proinflammatory Panel" below	MSD (Meso Scale Discovery)	Serum/ Plasma	varies
Dehydroepiandrosterone Sulfate (DHEA-S)	Automated Immunoassay	Serum	1.0 mL
Dipeptidyl Peptidase IV (DPP4) Activity	ELISA	Serum	0.5 mL
Endothelin - 1 (ET-1)	ELISA	Serum	1.0 mL
Erythropoietin (EPO)	Automated Immunoassay	Serum	0.6 mL
E-Selectin	ELISA	Serum	0.4 mL
Estrogens, fractionated (E1 & E2), high sensitivity	LC-MS/MS	Serum	1.5 mL
Estrone Sulfate	LC-MS/MS	Serum	0.5 mL
FGF-19	ELISA	Serum	1.0 mL
Fibrinogen	Chemistry Analyzer	Plasma	0.5 mL
Fibroblastic Growth Factor (FGFB)	ELISA	Plasma	1.0 mL
Fibroblastic Growth Factor-19 (FGF-19)	ELISA	Serum	1.0 mL
Folate	Automated Immunoassay	Serum	1.0 mL
Follicle Stimulating Hormone (FSH)	Automated Immunoassay	Serum	1.0 mL
Galectin-3 (GAL-3)	ELISA	Serum	0.2 mL
Gastric Inhibitory Peptide (GIP)	ELISA	Plasma	0.5 mL
Ghrelin - active	RIA	Plasma *	0.8 mL
Ghrelin - total	RIA	Plasma	0.8 mL

Glucagon, ELISA	ELISA	Plasma	0.5 mL
Glucagon-like peptide, Active (GLP-1, active)	ELISA	Plasma *	1.0 mL
Glucagon-like peptide, Total (GLP-1, total)	ELISA	Plasma	0.3 mL
Glucose	Chemistry Analyzer	Plasma, sodium fluoride	1.0 mL
Growth Hormone, Human (HGH)	Automated Immunoassay	Serum	1.0 mL
High Density Lipoprotein (HDL)	Chemistry Analyzer	Plasma	1.0 mL
Homocysteine	LC-MS/MS	Plasma	1.0 mL
IGF Binding Protein - 1 (IGFBP-1)	ELISA	Serum	1.0 mL
IGF Binding Protein - 2 (IGFBP-2)	RIA	Serum	0.5 mL
IGF Binding Protein - 3 (IGFBP-3)	Automated Immunoassay	Serum	1.0 mL
Insulin (human, serum)	Automated Immunoassay	Serum	0.5 mL
Insulin (human, plasma)	Automated Immunoassay	Plasma	1.0 mL
Insulin-Like Growth Factor-1, Free (IGF-1, free)	ELISA	Serum	0.5 mL
Insulin-Like Growth Factor-1, Total (IGF-1, total)	Automated Immunoassay	Serum	1.0 mL
Interleukin - 1 β , high sensitivity (IL-1 β , hs)	ELISA	Serum	1.2 mL
Interleukin - 6, high sensitivity (IL-6, hs)	ELISA	Serum	1.0 mL
Interleukin - 8 (IL-8)	ELISA	Serum	0.5 mL
Intracellular Adhesion Molecule-1 (I-CAM)	ELISA	Serum	0.5 mL
Lactate	Chemistry Analyzer	Plasma, oxalate/ sodium fluoride	1.0 mL
Lactulose/12CMannitol	LC-MS/MS	Urine	0.6 mL
Lactulose/13C Mannitol	LC-MS/MS	Urine	0.6 mL
Lactulose/Rhamnose	LC-MS/MS	Urine	0.5 mL
Leptin	ELISA	Serum	0.25 mL

Lipoprotein a [Lp(a)]	Chemistry Analyzer	Serum	1.0 mL
Luteinizing Hormone (LH)	Automated Immunoassay	Serum	1.0 mL
MSD 10-Plex Proinflammatory Panel (INFg, IL-1b, IL-2, IL-4, IL-6, IL-8, IL-10, IL-12p70, IL-13 and TNFa)	MSD (Meso Scale Discovery)	Serum/ Plasma	varies
N-Telopeptide (NTx)	ELISA	Serum	0.3 mL
NT-pro Brain Natriuretic Peptide (NTproBNP)	Automated Immunoassay	Serum	1.0 mL
Osteocalcin	Automated Immunoassay	Serum	1.0 mL
Parathyroid Hormone - Intact (PTH)	Automated Immunoassay	Serum	1.0 mL
Peptide YY (PYY)	RIA	Plasma*	1.0 mL
Procollagen Type I (PINP) [P1Np-Intact N-Terminal Propeptide of Type 1 Procollagen]	RIA	Serum	0.5 mL
Progesterone	Automated Immunoassay	Serum	0.5 mL
Prolactin	Automated Immunoassay	Serum	1.0 mL
Prostate Specific Antigen, Free (fPSA)	Automated Immunoassay	Serum	1.0 mL
Prostate Specific Antigen, Total (tPSA)	Automated Immunoassay	Serum	1.0 mL
Sex Hormone Binding Globulin (SHBG)	Automated Immunoassay	Serum	1.0 mL
Sucralose	LC-MS/MS	Urine	0.5 mL
Testosterone, high sensitivity	LC-MS/MS	Serum	0.5 mL
Transforming Growth Factor Beta 1 (TGF-beta)	ELISA	Plasma*	1.0 mL
Triglyceride	Chemistry Analyzer	Plasma	1.0 mL
Tumor Necrosis Factor - alpha, high sensitivity (TNF-alpha, hs)	ELISA	Serum	1.0 mL
Vascular Cell Adhesion Molecule 1 (V-CAM)	ELISA	Serum	0.5 mL
Vascular Endothelial Growth Factor (VEGF)	ELISA	Plasma	0.5 mL