

Client Information (required)

Client Name		
Client Account No.		
Client Phone	Client Order No.	
Address		
City	State	Zip Code

Submitting Provider Information (required)

Submitting/Referring Provider <i>(Last, First)</i>

Fill in only if Call Back is required.

Phone (with area code)	Fax (with area code)
Provider's National I.D. (NPI)	

**Fax number given must be from a fax machine that complies with applicable HIPAA regulation.*

Clinical Information

<input type="checkbox"/> Native biopsy <input type="checkbox"/> Allograft biopsy: Transplant date <i>(mm-dd-yyyy)</i> : _____ Original disease: _____
Indications <input type="checkbox"/> Hematuria <input type="checkbox"/> Acute renal failure <input type="checkbox"/> Hypertension <input type="checkbox"/> Systemic lupus <input type="checkbox"/> Proteinuria <input type="checkbox"/> Family history <input type="checkbox"/> Diabetes <input type="checkbox"/> Other, specify: _____

Patient Information (required)

Patient ID (Medical Record No.)	
Patient Name <i>(Last, First, Middle)</i>	
Sex <input type="checkbox"/> Male <input type="checkbox"/> Female	Birth Date <i>(mm-dd-yyyy)</i>
Collection Date <i>(mm-dd-yyyy)</i>	Time <input type="checkbox"/> am <input type="checkbox"/> pm

Ethnicity

<input type="checkbox"/> European/Caucasian	<input type="checkbox"/> African American
<input type="checkbox"/> Hispanic	<input type="checkbox"/> Asian
<input type="checkbox"/> Other: _____	

Pathologist Name (required)

Submitting/Referring Pathologist <i>(Last, First)</i>	
Phone (with area code)	Fax (with area code)

**Fax number given must be from a fax machine that complies with applicable HIPAA regulation.*

MCL Internal Use Only

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Ship specimens to:

Mayo Clinic Laboratories
3050 Superior Drive NW
Rochester, MN 55901

Customer Service: 855-516-8404

Visit www.MayoClinicLabs.com for the most up-to-date test and shipping information.

Billing Information

- An itemized invoice will be sent each month.
- Payment terms are net 30 days.

Call the Business Office with billing related questions:
800-447-6424 (US and Canada)
507-266-5490 (outside the US)

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RENAL PATHOLOGY

Medical Renal Disease and Renal Transplant Monitoring

RPCWT Renal Pathology Consultation, Wet Tissue
RPCWT includes diagnostic interpretation of a medical kidney biopsy by integrating light microscopy, immunofluorescence, and electron microscopy findings together with clinical and laboratory data for the patient.

Renal Pathology Tests Available to Order Individually

ALPRT Alport (Collagen IV Alpha 5 and Alpha 2) Immunofluorescent Stain, Renal Biopsy

AMPIP Amyloid Protein Identification, Paraffin, LC-MS/MS

DNJB9 DNAJB9 Immunostain, Technical Component Only

MSFGN Fibrillary Glomerulonephritis Confirmation, LC-MS/MS, Paraffin Tissue

SUBIF Immunoglobulin G (IgG) Subtypes Immunofluorescence, Tissue

IGG4I IgG4 Immunostain, Technical Component Only

PLAIF Phospholipase A2 Receptor (PLA2R), Renal Biopsy

THSIF Thrombospondin Type 1 Domain Containing 7A (THSD7A), Immunofluorescence

Note: As required, these tests are performed with RPCWT.

CAI Calcium, Ionized, Serum

CA Calcium, Total, Serum

CTU Creatinine, 24 Hour, Urine

CRBF Creatinine, Body Fluid

RCTUR Creatinine, Random, Urine

CRCL Creatinine Clearance, Serum and 24 Hour Urine

CRTS1 Creatinine with Estimated GFR (CKD-EPI), Serum

CYSPR Cyclosporine, Blood

CYCPK Cyclosporine, Peak, Blood

CYSTC Cystatin C with Estimated GFR, Serum

CMVQN Cytomegalovirus (CMV) DNA Detection and Quantification by Real-Time PCR, Plasma

ELPSR Electrolyte Panel, Serum

EBVQU Epstein-Barr Virus DNA Detection and Quantification, Plasma

EVROL Everolimus, Blood

MPA Mycophenolic Acid, Serum

PTH Parathyroid Hormone (PTH) Immunostain, Technical Component Only

PHOS Phosphorus (Inorganic), Serum

KS Potassium, Serum

RPTU Protein:Creatinine Ratio, Random, Urine

PTU Protein, Total, 24 Hour, Urine

RFAMA Renal Function Panel, Serum

SIIRO Sirolimus, Whole Blood

TAKRO Tacrolimus, Blood

CRTS1 Creatinine with Estimated GFR (CKD-EPI), Serum

CYSTC Cystatin C with Estimated GFR, Serum

EFPO Electrolyte and Osmolality Panel, Feces

EOSU Eosinophils, Random, Urine

HEXP Iohexol, Plasma

HEXU Iohexol, Timed Collection, Urine

NSRC Iothalamate, Glomerular Filtration Rate, Plasma and Urine

UOSMU Osmolality, Random, Urine

UOSMS Osmolality, Serum

PHOS Phosphorus (Inorganic), Serum

RPTU Protein:Creatinine Ratio, Random, Urine

12PTU Protein, Total, 12 Hour, Urine

PTU Protein, Total, 24 Hour, Urine

TPBF Protein, Total, Body Fluid

TP Protein, Total, Serum

TPSF Protein, Total, Spinal Fluid

RFAMA Renal Function Panel, Serum

RBP24 Retinol-Binding Protein, 24 Hour, Urine

RRBP Retinol-Binding Protein, Random, Urine

SGU Specific Gravity, Random, Urine

URAU Urea, 24 Hour, Urine

RURAU Urea, Random, Urine

RURCU Uric Acid, Random, Urine

URIC Uric Acid, Serum

KIDNEY FUNCTION / DIALYSIS / TRANSPLANT MONITORING

Dialysis Monitoring

AL Aluminum, Serum

UEBF Blood Urea Nitrogen, Body Fluid

GDCRU Gadolinium/Creatinine Ratio, Random, Urine

DOXA1 Oxalate Analysis in Hemodialysate

POXA1 Oxalate, Plasma

Transplant Monitoring

25HDN 25-Hydroxyvitamin D2 and D3, Serum

ALB24 Albumin, 24 Hour, Urine

ALBR Albumin, Random, Urine

HCO3 Bicarbonate, Serum

LCBKP BK Virus, Molecular Detection, PCR, Plasma

LCBK BK Virus, Molecular Detection, PCR, Random, Urine

QBK BK Virus, Molecular Detection, Quantitative, PCR, Plasma

QBKU BK Virus, Molecular Detection, Quantitative, PCR, Urine

BUN Blood Urea Nitrogen (BUN), Serum

Kidney Function / Monitoring

DHVD 1,25-Dihydroxyvitamin D, Serum

25HDN 25-Hydroxyvitamin D2 and D3, Serum

ALB24 Albumin, 24 Hour, Urine

ALBR Albumin, Random, Urine

A1M24 Alpha-1-Microglobulin, 24 Hour, Urine

RA1M Alpha-1-Microglobulin, Random, Urine

HCO3 Bicarbonate, Serum

BUN Blood Urea Nitrogen (BUN), Serum

CLU Chloride, 24 Hour, Urine

RCHLU Chloride, Random, Urine

CL Chloride, Serum

CTU Creatinine, 24 Hour, Urine

CRBF Creatinine, Body Fluid

RCTUR Creatinine, Random, Urine

CRCL Creatinine Clearance, Serum and 24-Hour Urine

HEREDITARY RENAL DISORDERS

AGXTZ AGXT Gene, Full Gene Analysis, Varies

APO1Z Apolipoprotein A-I (APOA1) Gene, Full Gene Analysis, Varies

APO2Z Apolipoprotein A-II (APOA2) Gene, Full Gene Analysis, Varies

ARPKZ Autosomal Recessive Polycystic Kidney Disease (ARPKD), Full Gene Analysis, Varies

AHUSP Complement-Mediated Atypical Hemolytic-Uremic Syndrome (aHUS)/ Thrombotic Microangiopathy (TMA) Gene Panel, Varies

GSNZ Gelsolin (GSN) Gene, Full Gene Analysis, Varies

GRHPZ GRHPR Gene, Full Gene Analysis, Varies

LYZZ Lysozyme (LYZ) Gene, Full Gene Analysis, Varies

ATTRZ TTR Gene, Full Gene Analysis, Varies

Note: Known Variant Testing Also Available—call to order.

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ADDITIONAL RENAL DISEASE TESTING	
Amyloidosis	
<input type="checkbox"/> APO1Z	Apolipoprotein A-I (APOA1) Gene, Full Gene Analysis, Varies
<input type="checkbox"/> APO2Z	Apolipoprotein A-II (APOA2) Gene, Full Gene Analysis, Varies
<input type="checkbox"/> GSNZ	Gelsolin (GSN) Gene, Full Gene Analysis, Varies
<input type="checkbox"/> LYZZ	Lysozyme (LYZ) Gene, Full Gene Analysis, Varies
<input type="checkbox"/> ATTRZ	TTR Gene, Full Gene Analysis, Varies
Glomerular Disease - Nephritic	
<input type="checkbox"/> ALB24	Albumin, 24 Hour, Urine
<input type="checkbox"/> RA1M	Alpha-1-Microglobulin, Random, Urine
<input type="checkbox"/> VASC	Antineutrophil Cytoplasmic Antibodies Vasculitis Panel, Serum
Note: Includes MPO and PR3 with reflex to ANCA if positive.	
<input type="checkbox"/> ANA2	Antinuclear Antibodies (ANA), Serum
<input type="checkbox"/> C3	Complement C3, Serum
<input type="checkbox"/> C4	Complement C4, Serum
<input type="checkbox"/> CRY_S	Cryoglobulin, Serum
<input type="checkbox"/> ANCA	Cytoplasmic Neutrophil Antibodies, Serum
<input type="checkbox"/> GBM	Glomerular Basement Membrane Antibodies, IgG, Serum
<input type="checkbox"/> MPO	Myeloperoxidase Antibodies, IgG, Serum
<input type="checkbox"/> CLPMG	Phospholipid (Cardiolipin) Antibodies, IgG and IgM, Serum
<input type="checkbox"/> PR3	Proteinase 3 Antibodies, IgG, Serum
<input type="checkbox"/> PTU	Protein, Total, 24 Hour, Urine
<input type="checkbox"/> RHUT	Rheumatoid Factor, Serum
Glomerular Disease – Nephrotic	
<input type="checkbox"/> ALB24	Albumin, 24 Hour, Urine
<input type="checkbox"/> RA1M	Alpha-1-Microglobulin, Random, Urine
<input type="checkbox"/> EPU	Electrophoresis, Protein, 24 Hour, Urine
<input type="checkbox"/> SPEP	Electrophoresis, Protein, Serum
<input type="checkbox"/> MALD	Protein Isotype, Matrix-Assisted Laser Desorption-Ionization Time-of-Flight Mass Spectrometry, Serum
<input type="checkbox"/> TMOGA	Monoclonal Gammopathy Monitoring, Serum
<input type="checkbox"/> DMOGA	Monoclonal Gammopathy Screen, Serum
<input type="checkbox"/> MPSU	Monoclonal Protein Study, 24 Hour, Urine
<input type="checkbox"/> RMPSU	Monoclonal Protein Study, Random, Urine
<input type="checkbox"/> OPTU	Orthostatic Protein, Timed Collection, Urine
<input type="checkbox"/> PLA2R	Phospholipase A2 Receptor Antibodies, Serum
<input type="checkbox"/> PA2RE	Phospholipase A2 Receptor Enzyme-Linked Immunosorbent Assay, Serum
<input type="checkbox"/> PA2RI	Phospholipase A2 Receptor Indirect Immunofluorescence Assay, Serum

<input type="checkbox"/> PEISO	Protein Electrophoresis and Isotype, Serum
<input type="checkbox"/> PTU	Protein, Total, 24 Hour, Urine
<input type="checkbox"/> THSD7	Thrombospondin Type-1 Domain-Containing 7A Antibodies, Serum
Hyperoxaluria	
<input type="checkbox"/> AGXTZ	AGXT Gene, Full Gene Analysis, Varies
<input type="checkbox"/> GRHPZ	GRHPR Gene, Full Gene Analysis, Varies
<input type="checkbox"/> HYOX	Hyperoxaluria Panel, Urine
<input type="checkbox"/> OXU	Oxalate, 24 Hour, Urine
<input type="checkbox"/> DOXA1	Oxalate Analysis in Hemodialysate
<input type="checkbox"/> POXA1	Oxalate, Plasma
<input type="checkbox"/> ROXUR	Oxalate, Random, Urine
Monoclonal Gammopathy	
<input type="checkbox"/> EPU	Electrophoresis, Protein, 24 Hour, Urine
<input type="checkbox"/> SPEP	Electrophoresis, Protein, Serum
<input type="checkbox"/> DMOGA	Monoclonal Gammopathy Screen, Serum
<input type="checkbox"/> TMOGA	Monoclonal Gammopathy Monitoring, Serum
<input type="checkbox"/> MPSU	Monoclonal Protein Study, 24 Hour, Urine
<input type="checkbox"/> RMPSU	Monoclonal Protein Study, Random, Urine
<input type="checkbox"/> PEISO	Protein Electrophoresis and Isotype, Serum
<input type="checkbox"/> MALD	Protein Isotype, Matrix-Assisted Laser Desorption-Ionization Time-of-Flight Mass Spectrometry, Serum
Nephrogenic Systemic Fibrosis	
<input type="checkbox"/> GDU	Gadolinium, 24 Hour, Urine
<input type="checkbox"/> GDT	Gadolinium, Dermal, Tissue
<input type="checkbox"/> GDS	Gadolinium, Serum
Renal Tubular Dysfunction	
<input type="checkbox"/> A1M24	Alpha-1-Microglobulin, 24 Hour, Urine
<input type="checkbox"/> RA1M	Alpha-1-Microglobulin, Random, Urine
<input type="checkbox"/> B2MU	Beta-2 Microglobulin (B2M), Random, Urine
<input type="checkbox"/> B2M	Beta-2-Microglobulin (Beta-2-M), Serum
<input type="checkbox"/> CITR	Citrate Excretion, 24 Hour, Urine
<input type="checkbox"/> CITRA	Citrate Excretion, Random, Urine
<input type="checkbox"/> RBP24	Retinol-Binding Protein, 24 Hour, Urine
<input type="checkbox"/> RRRBP	Retinol-Binding Protein, Random, Urine
<input type="checkbox"/> RTRP1	Tubular Reabsorption of Phosphorus, Random Urine and Serum
Nephrolithiasis	
<input type="checkbox"/> AMMO	Ammonium, 24 Hour, Urine
<input type="checkbox"/> RAMBO	Ammonium, Random, Urine
<input type="checkbox"/> CALU	Calcium, 24 Hour, Urine
<input type="checkbox"/> CACR1	Calcium, Random, Urine
<input type="checkbox"/> CITR	Citrate Excretion, 24 Hour, Urine
<input type="checkbox"/> CITRA	Citrate Excretion, Random, Urine

<input type="checkbox"/> HYOX	Hyperoxaluria Panel, Urine
<input type="checkbox"/> KIDST	Kidney Stone Analysis
<input type="checkbox"/> MAGU	Magnesium, 24 Hour, Urine
<input type="checkbox"/> MAGNR	Magnesium, Random, Urine
<input type="checkbox"/> OXU	Oxalate, 24 Hour, Urine
<input type="checkbox"/> POXA1	Oxalate, Plasma
<input type="checkbox"/> ROXUR	Oxalate, Random, Urine
<input type="checkbox"/> POU	Phosphorus, 24 Hour, Urine
<input type="checkbox"/> RPOU	Phosphorus, Pediatric, Random, Urine
<input type="checkbox"/> SULFU	Sulfate, 24 Hour, Urine
<input type="checkbox"/> SAT24	Supersaturation Profile, 24 Hour, Urine
<input type="checkbox"/> SSATR	Supersaturation Profile, Pediatric, Random, Urine
<input type="checkbox"/> URCU	Uric Acid, 24 Hour, Urine
Thrombotic Microangiopathy	
<input type="checkbox"/> ADM13	ADAMTS13 Activity and Inhibitor Profile, Plasma
<input type="checkbox"/> AHUSD	Atypical Hemolytic Uremic Syndrome (aHUS) Complement Panel, Serum and Plasma
<input type="checkbox"/> AH50	Complement, Alternate Pathway (AH50), Functional, Serum
<input type="checkbox"/> AHUSP	Complement-Mediated Atypical Hemolytic-Uremic Syndrome (aHUS)/Thrombotic Microangiopathy (TMA) Gene Panel, Varies
<input type="checkbox"/> ECUMP	Eculizumab Monitoring Panel, Serum
<input type="checkbox"/> ECULI	Eculizumab, Serum
<input type="checkbox"/> STFRP	Shiga Toxin, Molecular Detection, PCR, Feces
Unexplained Osteomalacia/Hypophosphatemia	
<input type="checkbox"/> DHVD	1,25-Dihydroxyvitamin D, Serum
<input type="checkbox"/> 25HDN	25-Hydroxyvitamin D2 and D3, Serum
<input type="checkbox"/> IFG23	Intact Fibroblast Growth Factor 23, Serum
<input type="checkbox"/> PTH2	Parathyroid Hormone, Serum

ADDITIONAL TESTS (INDICATE TEST CODE AND NAME)	