

Client Information (required)

Client Name		
Client Account No.		
Client Phone	Client Order No.	
Street Address		
City	State	ZIP Code

Submitting Provider Information (required)

Submitting/Referring Provider (Last, First)

Fill in only if Call Back is required.

Phone (with area code)	Fax* (with area code)
National Provider Identification (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 (mm-dd-yyyy): _____
Original disease: _____
Indications
<input type="checkbox"/> Hematuria <input type="checkbox"/> Acute kidney 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 (Last, First Middle)	
Sex <input type="checkbox"/> Male <input type="checkbox"/> Female	Birth Date (mm-dd-yyyy)
Collection Date (mm-dd-yyyy)	Time <input type="checkbox"/> am <input type="checkbox"/> pm

Ethnicity

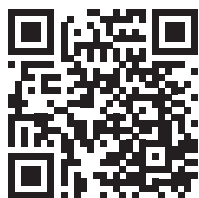
<input type="checkbox"/> African American	<input type="checkbox"/> Asian	<input type="checkbox"/> European	<input type="checkbox"/> Latine/Latinx
<input type="checkbox"/> Other: _____			

Pathologist Name (required)

Submitting/Referring Pathologist (Last, First)	
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



Ship specimens to:
 Mayo Clinic Laboratories
 3050 Superior Drive NW
 Rochester, MN 55905

Customer Service: 800-533-1710

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)

Patient Information (required)

Patient ID (Medical Record No.)	Client Account No.
Patient Name (Last, First Middle)	Client Order No.
Birth Date (mm-dd-yyyy)	

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, Mass Spectrometry

MSCG Collagenofibrotic Glomerulopathy Confirmation, Mass Spectrometry

DNJB9 DNAJB9 Immunostain, Technical Component Only

EXT2 Exostosin 2 (EXT2) Immunostain, Technical Component Only

MSFGN Fibrillary Glomerulonephritis Confirmation, Mass Spectrometry, Paraffin Tissue

MSFNG Fibronectin Glomerulopathy Confirmation, Mass Spectrometry

SUBIF Immunoglobulin G (IgG) Subtypes Immunofluorescence, Tissue

IGG4I IgG4 Immunostain, Technical Component Only

NELL1 Neural Epidermal Growth Factor-Like 1 Protein Immunostain, Technical Component Only

PLAIF Phospholipase A2 Receptor (PLA2R), Renal Biopsy

SEMA3 Semaphorin 3B (SEMA3B) Immunostain, Technical Component Only

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

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

KIDNEY FUNCTION / DIALYSIS / TRANSPLANT MONITORING

Dialysis Monitoring

AL Aluminum, Serum

UEBF Urea Nitrogen, Body Fluid

GDUCR Gadolinium/Creatinine Ratio, Random, Urine

DOXA1 Oxalate Analysis, Hemodialysate

POXA1 Oxalate, Plasma

Transplant Monitoring

25HDN 25-Hydroxyvitamin D2 and D3, Serum

ADMPU Addiction Medicine Profile with Reflex, 22 Drug Classes, High Resolution Mass Spectrometry and Immunoassay Screen, Random, Urine

ALB24 Albumin, 24 Hour, Urine

ALBR Albumin, Random, Urine

ALB Albumin, Serum

HCO3 Bicarbonate, Serum

PBKQN BK Virus DNA Detection and Quantification, Plasma

UBKQN BK Virus DNA Detection and Quantification, Random, Urine

BUN Blood Urea Nitrogen (BUN), Serum

CAI Calcium, Ionized, Serum

CA Calcium, Total, Serum

CSMEU Controlled Substance Monitoring Enhanced Profile with Reflex, 21 Drug Classes, High Resolution Mass Spectrometry and Immunoassay Screen, Random, Urine

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 Glomerular Filtration Rate (eGFR), Serum

CYSPR Cyclosporine, Blood

CYCPK Cyclosporine, Peak, Blood

CSTCE Cystatin C with Estimated GFR, Serum

3A5Q Cytochrome P450 3A5 Genotype, Varies

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

ELPSR Electrolyte Panel, Serum

EBVQN Epstein-Barr Virus DNA Detection and Quantification, Plasma

EVROL Everolimus, Blood

PGXQP Focused Pharmacogenomics Panel, Varies

MPA Mycophenolic Acid, Serum

PTH Parathyroid Hormone (PTH) Immunostain, Technical Component Only

PETH Phosphatidylethanol Confirmation, Blood

PHOS Phosphorus (Inorganic), Serum

KS Potassium, Serum

RPTU1 Protein/Creatinine Ratio, Random, Urine

PTU Protein, Total, 24 Hour, Urine

RFAMA Renal Function Panel, Serum

SIIRO Sirolimus, Whole Blood

TAKRO Tacrolimus, Blood

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

ALB Albumin, Serum

A124 Alpha-1-Microglobulin, 24 Hour, Urine

RA1U 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

CRTS1 Creatinine with Estimated Glomerular Filtration Rate (eGFR), Serum

CSTCE Cystatin C with Estimated Glomerular Filtration Rate (eGFR), Serum

EFPO Electrolyte and Osmolality Panel, Feces

EOSU1 Eosinophils, Random, Urine

HSRC Iohexol, Glomerular Filtration Rate, Plasma and 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

RPTU1 Protein/Creatinine Ratio, Random, Urine

12PU1 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

RB24 Retinol-Binding Protein, 24 Hour, Urine

RBR Retinol-Binding Protein, Random, Urine

SGUR Specific Gravity, Random, Urine

URAU Urea, 24 Hour, Urine

URCON Urea, Random, Urine

RURC1 Uric Acid/Creatinine Ratio, Random, Urine

URIC Uric Acid, Serum

Patient Information (required)

Patient ID (Medical Record No.)	Client Account No.
Patient Name (Last, First Middle)	Client Order No.
Birth Date (mm-dd-yyyy)	

HEREDITARY RENAL DISORDERS

- ALAGP Alagille Syndrome Gene Panel, Varies
- ALPGP Alport Syndrome Gene Panel, Varies
- APOL1 APOL1 Genotype, Varies
- AHUGP Atypical Hemolytic Uremic Syndrome (aHUS)/Thrombotic Microangiopathy (TMA)/Complement 3 Glomerulopathy (C3G) Gene Panel, Varies
- RBART Bartter Syndrome Gene Panel, Varies
- CASRG CASR Full Gene Sequencing with Deletion/Duplication, Varies
- NEPHP Comprehensive Nephrology Gene Panel, Varies
- CGPH Custom Gene Panel, Hereditary, Next-Generation Sequencing, Varies
- CKDGP Cystic Kidney Disease Gene Panel, Varies
- RFSGS Focal Segmental Glomerulosclerosis (FSGS) and Nephrotic Syndrome Gene Panel, Varies
- ADPKP Focused Autosomal Dominant Polycystic Kidney Disease Gene Panel, Varies
- RSCGP Nephrocalcinosis, Nephrolithiasis, and Renal Electrolyte Imbalance Gene Panel, Varies
- TTRZ TTR Gene, Full Gene Analysis, Varies

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

ADDITIONAL RENAL DISEASE TESTING

Glomerular Disease - Nephritic

- ALB24 Albumin, 24 Hour, Urine
- A124 Alpha-1-Microglobulin, 24 Hour, Urine
- RA1U Alpha-1-Microglobulin, Random, Urine
- VASC Antineutrophil Cytoplasmic Antibodies Vasculitis Panel, Serum

Note: Includes MPO and PR3 with reflex to ANCA if positive.

- ANA2 Antinuclear Antibodies (ANA), Serum
- C3 Complement C3, Serum
- C4 Complement C4, Serum
- CRY_S Cryoglobulin, Serum
- ANCA Cytoplasmic Neutrophil Antibodies, Serum
- GBM Glomerular Basement Membrane Antibodies, IgG, Serum
- MPO Myeloperoxidase Antibodies, IgG, Serum
- CLPMG Phospholipid (Cardiolipin) Antibodies, IgG and IgM, Serum
- PR3 Proteinase 3 Antibodies, IgG, Serum
- PTU Protein, Total, 24 Hour, Urine
- RAPAN Rheumatoid Arthritis Panel, Serum
- RHUT Rheumatoid Factor, Serum

Glomerular Disease – Nephrotic

- ALB24 Albumin, 24 Hour, Urine
- A124 Alpha-1-Microglobulin, 24 Hour, Urine
- RA1U Alpha-1-Microglobulin, Random, Urine
- MPQU Monoclonal Protein Quantitation, 24 Hour, Urine
- QMPSS Monoclonal Protein Study, Quantitative, Serum
- FLCS Immunoglobulin Free Light Chains, Serum
- RFSGS Focal Segmental Glomerulosclerosis (FSGS) and Nephrotic Syndrome Gene Panel, Varies
- RMPQU Monoclonal Protein Quantitation, Random, Urine
- RSMPU Monoclonal Protein Screen, Random, Urine
- SMPU Monoclonal Protein Screen, 24 Hour, Urine
- MPU Monoclonal Protein Studies, 24 Hour, Urine
- RMPU Monoclonal Protein Studies, Random, Urine
- OPTU Orthostatic Protein, Timed Collection, Urine
- PLA2I Phospholipase A2 Receptor, Immunofluorescence, Serum
- PLA2M Phospholipase A2 Receptor, Monitoring, Enzyme-Linked Immunosorbent Assay, Serum
- PMND1 Primary Membranous Nephropathy Diagnostic Cascade, Serum
- PTU Protein, Total, 24 Hour, Urine
- THSD7 Thrombospondin Type-1 Domain-Containing 7A Antibodies, Serum

Hyperoxaluria

- RSCGP Nephrocalcinosis, Nephrolithiasis, and Renal Electrolyte Imbalance Gene Panel, Varies
- HYOX Hyperoxaluria Panel, Random, Urine
- OXU Oxalate, 24 Hour, Urine
- DOXA1 Oxalate Analysis, Hemodialysate
- POXA1 Oxalate, Plasma
- ROXUR Oxalate, Random, Urine

Monoclonal Gammopathy

- MPQU Monoclonal Protein Quantitation, 24 Hour, Urine
- QMPSS Monoclonal Protein Study, Quantitative, Serum
- FLCS Immunoglobulin Free Light Chains, Serum
- RMPQU Monoclonal Protein Quantitation, Random, Urine
- RSMPU Monoclonal Protein Screen, Random, Urine
- SMPU Monoclonal Protein Screen, 24 Hour, Urine
- MPU Monoclonal Protein Studies, 24 Hour, Urine
- RMPU Monoclonal Protein Studies, Random, Urine

Nephrogenic Systemic Fibrosis

- GDU Gadolinium, 24 Hour, Urine
- GDUCR Gadolinium/Creatinine Ratio, Random, Urine
- GDS Gadolinium, Serum

Renal Tubular Dysfunction

- A124 Alpha-1-Microglobulin, 24 Hour, Urine
- RA1U Alpha-1-Microglobulin, Random, Urine
- B2MU Beta-2 Microglobulin, Random, Urine
- B2M Beta-2-Microglobulin, Serum
- CITR Citrate Excretion, 24 Hour, Urine
- CITRA Citrate Excretion, Random, Urine
- RB24 Retinol-Binding Protein, 24 Hour, Urine
- RBR Retinol-Binding Protein, Random, Urine
- RTRP2 Tubular Reabsorption of Phosphorus, Random Urine and Serum

Patient Information (required)

Patient ID (Medical Record No.)	Client Account No.
Patient Name (Last, First Middle)	Client Order No.
Birth Date (mm-dd-yyyy)	

Nephrolithiasis	ADDITIONAL TESTS (INDICATE TEST ID AND NAME)
<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"/> CACR3 Calcium/Creatinine Ratio, 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, Random, Urine	
<input type="checkbox"/> KIDST Kidney Stone Analysis	
<input type="checkbox"/> MAGU Magnesium, 24 Hour, Urine	
<input type="checkbox"/> MAGRU Magnesium/Creatinine Ratio, Random, Urine	
<input type="checkbox"/> RSCGP Nephrocalcinosis, Nephrolithiasis, and Renal Electrolyte Imbalance Gene Panel, Varies	
<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"/> SUP24 Supersaturation Profile, 24 Hour, Urine	
<input type="checkbox"/> SUPRA Supersaturation Profile, Random, Urine	
<input type="checkbox"/> URCU Uric Acid, 24 Hour, Urine	
Thrombotic Microangiopathy	
<input type="checkbox"/> ADAMP ADAMTS13 Activity with Reflex Inhibitor Profile, Plasma	
<input type="checkbox"/> ADAMS ADAMTS13 Activity Assay, Plasma	
<input type="checkbox"/> AHUSD Atypical Hemolytic Uremic Syndrome Complement Panel, Serum and Plasma	
<input type="checkbox"/> AHUGP Atypical Hemolytic Uremic Syndrome (aHUS)/Thrombotic Microangiopathy (TMA)/Complement 3 Glomerulopathy (C3G) Gene Panel, Varies	
<input type="checkbox"/> AH50 Alternative Complement Pathway, Functional, Serum	
<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	