KidneySeq™ Glomerulopathies		
Cost: $2000 | CPT Code: 81455		
Disease	Inheritance Pattern	Gene(s)
Alport syndrome	AD, AR	*COL4A3, COL4A4*
	XLD	*COL4A5*
	XLR	*COL4A6*
Alstrom syndrome	AR	*ALMS1*
Amyloidosis, hereditary	AD	*APOA1, B2M, FGA, GSN, LYZ, NLRP3, TNFRSF1A, TTR*
Congenital lung disease, nephrotic syndrome, and mild epidermolysis bullosa	AR	*ITGA3*
Congenital nephrotic syndrome	AR	*LAMB2, MAGI2, NPHS1, NPHS2, PLCE1, WT1*
COQ2 nephropathy	AR	*COQ2*
Denys-Drash syndrome; Frasier syndrome	AD	*WT1*
Diffuse mesangial sclerosis	AR	*ARHGDIA, PLCE1, WT1*
Epstein/Fechtner - renal disease with macrothrombocytopenia	AD	*MYH9*
Fabry disease	XL	*GLA*
Familial lecithin cholesterol acyltransferase (LCAT) deficiency	AR	*LCAT*
Familial Mediterranean Fever	AD, AR	*MEFV*
Focal segmental glomerulosclerosis (FSGS) AD/XL	AD	*ACTN4, ANLN, ARHGAP24, CD2AP, CFI, COL4A3, COL4A4, E2F3, INF2, LMX1B, PAX2, TRPC6, WT1*
	XL	*COL4A5*
Focal segmental glomerulosclerosis (FSGS) AR	AR	*APOL1, COQ6, COQ8B, CRB2, ITGB4, LAMA5, MYO1E, NPHP4, NUP133, NUP160, NUP85, TTC21B*
Focal segmental glomerulosclerosis (AR)/SRNS	AR	*ADCK4, ALG1, ANKFY1, ARHGDIA, CUBN, DGKE, DHTKD1, DLC1, EMP2, FAT1, GAPVD1, LAMB2, NPHS1, NPHS2, NUP107, NUP205, NUP93, PLCE1, PDSS2, PMM2, PTPRO, SCARB2, SGPL1, XPO5, ZMPSTE24*
Focal segmental glomerulosclerosis (FSGS) with Duane retraction syndrome	AD	*MAFB*
Galloway-Mowat syndrome	AR	*GON7*, NUP133, OSGEP, TP53RK, TPRKB, WDR73, YRDC**
	XLR	*LAGE3*
Glomerulopathy with fibronectin deposits	AD	*FN1*
Infantile sialic acid storage disease	AR	*SLC17A5*
Lipodystrophy, familial, partial	AD	*LMNA*
Lipoprotein glomerulopathy		*APOE*
Muckle-Wells syndrome	AD	*NLRP3*
Nail patella syndrome	AD	*LMX1B*
Nephropathy with pretibial epidermolysis bullosa and deafness	AR	*CD151*
Nephrotic syndrome*	AR	*COQ8B*, ITSN1*, ITSN2*, KIRREL1**
Nephrotic syndrome – steroid sensitive		*CDK20*, DLG5*, PLCG2*
Pierson syndrome – nephrotic syndrome with microcoria	AR	*LAMB2*
Thin basement membrane disease (benign familial hematuria)	AD	*COL4A3, COL4A4*

*New to KidneySeq™