KidneySeq™ Nephrolithiasis/Nephrocalcinosis		
Cost: $2000 | CPT Code: 81450		
Disease	Inheritance Pattern	Gene(s)
APRT deficiency (stones and ESRD)	AR	*APRT*
Bartter syndrome	AD	*CaSR*
	AR	*KCNJ1, SLC12A1*
Cystinuria	AD, AR	*SLC3A1, SLC34A1, SLC7A9*
Dent disease	XLR	*CLCN5, OCRL*
Familial hypocalciuric hypercalcemia	AD	*CaSR*
Fanconi syndrome, generalized proximal defect	AD	*EHHADH, HNF4A*
	AR	*ATP7B, CTNS, FAH, SLC34A1*
	XLR	*CLCN5*
Hypercalcemia, infantile	AR	*CYP24A1*
Hypercalciuria	AD	*ADCY10*
Hyperoxaluria, primary	AR	*AGXT, GRHPR, HOGA1*
Hypocalcemia, autosomal dominant	AD	*CASR*
Hypomagnesemia with hypercalciuria	AR	*CLDN16, CLDN19*
Hypophosphatemic rickets	AD	*FGF23*
	AR	*DMP1, ENPP1, SLC34A3, VDR*
	XLR	*CLCN5, PHEX*
Hypouricemia, renal	AD	*SLC2A9*
	AR	*SLC22A12*
Lesch-Nyhan syndrome	XLR	*HPRT1*
Nephrolithiasis/osteoporosis, hypophosphatemic	AD	*SLC9A3R1*
Renal tubular acidosis, distal	AD, AR	*ATP6V0A4, ATP6V1B1, ATP6V1C2*, FOXI1, SLC4A1, WDR72**
Renal tubular acidosis, proximal	AD	*EHHADH, HNF4A*
	AR	*ATP7B, CTNS, FAH, SLC34A1, SLC4A4*
	XLR	*ATP7B, CLCN5*
Xanthine oxidase deficiency	AR	*XDH*

*New to KidneySeq™