GENETIC TEST:
Tubulopathy (gene panel)

FULL NAME:	Tubulopathy (gene panel)
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Post-natal Diagnosis
SPECIMEN:	Peripheral (whole) blood on EDTA, DNA
METHOD CATEGORY:	Sequence analysis: entire coding region Deletion/duplication analysis
METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504
ACCREDITATION (ISO 15189):	2022-10-07 / 2027-10-06
TURNAROUND TIME (MAXIMUM):	20 - 60 days
CREATED:	08 Aug 2019 - 15:05
CHANGED:	22 Jan 2024 - 10:04

RELATED CONTENT

Related Diseases

- Adult hypophosphatasia
- Apparent mineralocorticoid excess
- Autosomal dominant distal renal tubular acidosis
- Autosomal dominant hypocalcemia
- Autosomal dominant hypophosphatemic rickets
- Autosomal dominant primary hypomagnesemia with hypocalciuria
- Autosomal recessive distal renal tubular acidosis
- Autosomal recessive hypophosphatemic rickets
- Autosomal recessive infantile hypercalcemia
- Autosomal recessive proximal renal tubular acidosis
- Bartter syndrome type 3
- Childhood-onset hypophosphatasia
- Cystinuria type A
- Distal renal tubular acidosis with anemia
- Dominant hypophosphatemia with nephrolithiasis or osteoporosis
- EAST syndrome
- Familial hypocalciuric hypercalcemia type 1
- Familial hypocalciuric hypercalcemia type 2
- Familial hypocalciuric hypercalcemia type 3
- Familial primary hypomagnesemia with normocalciuria and normocalcemia
- Generalized pseudohypoaldosteronism type 1
- Gitelman syndrome
- Hereditary hypophosphatemic rickets with hypercalciuria
- Hypohidrosis-electrolyte imbalance-lacrimal gland dysfunction-ichthyosis-xerostomia syndrome
- Hypotonia-cystinuria syndrome
- Idiopathic hypercalciuria

- Infantile hypophosphatasia
- Isolated autosomal dominant hypomagnesemia, Glaudemans type
- Nephrogenic diabetes insipidus
- Nephrogenic syndrome of inappropriate antidiuresis
- Primary Fanconi renotubular syndrome
- Primary hyperoxaluria type 1
- Primary hyperoxaluria type 2
- Primary hyperoxaluria type 3
- Primary hypomagnesemia with hypercalciuria and nephrocalcinosis with severe ocular involvement
- Primary hypomagnesemia with hypercalciuria and nephrocalcinosis without severe ocular involvement
- Primary hypomagnesemia with secondary hypocalcemia
- Pseudohypoaldosteronism type 2D
- Pseudohypoaldosteronism type 2E
- Pterin-4 alpha-carbinolamine dehydratase deficiency
- REN-related autosomal dominant tubulointerstitial kidney disease
- Renal pseudohypoaldosteronism type 1
- Renal tubular dysgenesis of genetic origin
- UMOD-related autosomal dominant tubulointerstitial kidney disease
- X-linked hypophosphatemia

Related Laboratories

- Centre de Génétique-Institut de Pathologie et de Génétique (IPG)

Related Analytes

- adenylate cyclase 10
- angiotensinogen
- angiotensin II receptor type 1
- alanine--glyoxylate aminotransferase

- aldolase, fructose-bisphosphate B
- alkaline phosphatase, biomineralization associated
- adaptor related protein complex 2 subunit sigma 1
- adenine phosphoribosyltransferase
- aquaporin 2
- ATPase H+ transporting V0 subunit a4
- ATPase H+ transporting V1 subunit B1
- ATPase copper transporting beta
- arginine vasopressin receptor 2
- barttin CLCNK type accessory subunit beta
- carbonic anhydrase 2
- calcium voltage-gated channel subunit alpha1 H
- calcium sensing receptor
- cell division cycle 73
- chloride voltage-gated channel 2
- chloride voltage-gated channel 5
- chloride voltage-gated channel Ka
- chloride voltage-gated channel Kb
- claudin 10
- claudin 16
- claudin 19
- cyclin and CBS domain divalent metal cation transport mediator 2
- cystinosin, lysosomal cystine transporter
- cullin 3
- cytochrome P450 family 11 subfamily B member 1
- cytochrome P450 family 17 subfamily A member 1
- cytochrome P450 family 24 subfamily A member 1
- dentin matrix acidic phosphoprotein 1
- epidermal growth factor
- epidermal growth factor receptor
- enoyl-CoA hydratase and 3-hydroxyacyl CoA dehydrogenase
- ectonucleotide pyrophosphatase/phosphodiesterase 1
- fumarylacetoacetate hydrolase

- FAM20A golgi associated secretory pathway pseudokinase
- FANCD2 and FANCI associated nuclease 1
- FA complementation group A
- fibroblast growth factor 23
- forkhead box I1
- FXYD domain containing ion transport regulator 2
- glucose-6-phosphatase catalytic subunit 1
- galactose-1-phosphate uridylyltransferase
- glycine amidinotransferase
- G protein subunit alpha 11
- glyoxylate and hydroxypyruvate reductase
- HNF1 homeobox A
- HNF1 homeobox B
- hepatocyte nuclear factor 4 alpha
- 4-hydroxy-2-oxoglutarate aldolase 1
- hypoxanthine phosphoribosyltransferase 1
- hydroxysteroid 11-beta dehydrogenase 2
- potassium inwardly rectifying channel subfamily J member 1
- potassium inwardly rectifying channel subfamily J member 10
- potassium inwardly rectifying channel subfamily J member 16
- potassium inwardly rectifying channel subfamily J member 5
- klotho
- kelch like family member 3
- L antigen family member 3
- lactate dehydrogenase D
- LDL receptor related protein 2
- MAGE family member D2
- menin 1
- molybdenum cofactor sulfurase
- NHERF family PDZ scaffold protein 1
- nuclear receptor subfamily 3 group C member 2
- OCRL inositol polyphosphate-5-phosphatase
- pterin-4 alpha-carbinolamine dehydratase 1

- phosphate regulating endopeptidase X-linked
- phosphoribosyl pyrophosphate synthetase 1
- renin
- Ras related GTP binding D
- sodium channel epithelial 1 subunit alpha
- sodium channel epithelial 1 subunit beta
- sodium channel epithelial 1 subunit gamma
- SEC61 translocon subunit alpha 1
- solute carrier family 12 member 1
- solute carrier family 12 member 3
- solute carrier family 16 member 12
- solute carrier family 22 member 12
- solute carrier family 26 member 1
- solute carrier family 2 member 2
- solute carrier family 2 member 9
- solute carrier family 34 member 1
- solute carrier family 34 member 3
- solute carrier family 36 member 2
- solute carrier family 3 member 1
- solute carrier family 41 member 1
- solute carrier family 4 member 1 (Diego blood group)
- solute carrier family 4 member 4
- solute carrier family 5 member 1
- solute carrier family 5 member 2
- solute carrier family 6 member 19
- solute carrier family 6 member 20
- solute carrier family 7 member 9
- transient receptor potential cation channel subfamily M member 6
- uromodulin
- vitamin D receptor
- VPS33B interacting protein, apical-basolateral polarity regulator, spe-39 homolog
- VPS33B late endosome and lysosome associated
- WD repeat domain 72

- wolframin ER transmembrane glycoprotein
- WNK lysine deficient protein kinase 1
- WNK lysine deficient protein kinase 4
- xanthine dehydrogenase

Related Gene Panels

- Tubulopathy/Nephrolithiasis (106 genes) - IPG
