GENETIC TEST:
Renal or urinary tract malformation (CAKUT) (gene panel)

FULL NAME:	Renal or urinary tract malformation (CAKUT) (gene panel)
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Carrier diagnosis, Mutation confirmation, Post-natal Diagnosis, Prenatal 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:	06 Aug 2019 - 11:15
CHANGED:	11 Dec 2023 - 11:56

RELATED CONTENT

Related Diseases

- BNAR syndrome
- BOR syndrome
- Bilateral multicystic dysplastic kidney
- Branchiootic syndrome
- CHARGE syndrome
- Congenital hydronephrosis
- Familial juvenile hyperuricemic nephropathy type 1
- Familial vesicoureteral reflux
- Familial visceral myopathy
- Fraser syndrome
- HNF1B-related autosomal dominant tubulointerstitial kidney disease
- Hajdu-Cheney syndrome
- Hypoparathyroidism-sensorineural deafness-renal disease syndrome
- Infantile nephronophthisis
- Joubert syndrome with hepatic defect
- Joubert syndrome with renal defect
- Kallmann syndrome
- Late-onset nephronophthisis
- Meckel syndrome
- Müllerian aplasia and hyperandrogenism
- Pallister-Hall syndrome
- Renal agenesis, unilateral
- Renal coloboma syndrome
- Renal tubular dysgenesis of genetic origin
- SERKAL syndrome
- SIX2-related frontonasal dysplasia

- Townes-Brocks syndrome
- UMOD-related autosomal dominant tubulointerstitial kidney disease
- Unilateral multicystic dysplastic kidney

Related Laboratories

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

Related Analytes

- angiotensin I converting enzyme
- actin gamma 2, smooth muscle
- angiotensinogen
- angiotensin II receptor type 1
- angiotensin II receptor type 2
- alanine--glyoxylate aminotransferase
- anosmin 1
- bone morphogenetic protein 4
- bone morphogenetic protein 7
- basonuclin zinc finger protein 2
- cyclin Q
- cell division cycle 5 like
- centrosomal protein 55
- chromodomain helicase DNA binding protein 1 like
- chromodomain helicase DNA binding protein 7
- cholinergic receptor muscarinic 3
- cholinergic receptor nicotinic alpha 3 subunit
- cytosolic thiouridylase subunit 2
- dual serine/threonine and tyrosine protein kinase
- EYA transcriptional coactivator and phosphatase 1

- fibroblast growth factor 20
- forkhead box C1
- Fraser extracellular matrix complex subunit 1
- FRAS1 related extracellular matrix 1
- FRAS1 related extracellular matrix 2
- GATA binding protein 3
- GLI family zinc finger 3
- glypican 3
- GREB1 like retinoic acid receptor coactivator
- glutamate receptor interacting protein 1
- HNF1 homeobox B
- homeobox A13
- heparanase 2 (inactive)
- integrin subunit alpha 8
- jagged canonical Notch ligand 1
- kinesin family member 14
- LIF receptor subunit alpha
- leucine rich repeats and immunoglobulin like domains 2
- LDL receptor related protein 4
- NAD synthetase 1
- notch receptor 2
- nephrocystin 3
- paired box 2
- PBX homeobox 1
- renin
- ret proto-oncogene
- roundabout guidance receptor 1
- roundabout guidance receptor 2
- RPGRIP1 like
- spalt like transcription factor 1
- spalt like transcription factor 4
- SHH signaling and ciliogenesis regulator SDCCAG8
- SIX homeobox 1

- SIX homeobox 2
- SIX homeobox 5
- slit guidance ligand 2
- SRY-box transcription factor 17
- signaling receptor and transporter of retinol STRA6
- TBC1 domain family member 1
- T-box 18
- transcription factor AP-2 alpha
- transmembrane protein 260
- TNF receptor associated protein 1
- uromodulin
- uroplakin 3A
- wolframin ER transmembrane glycoprotein
- Wnt family member 4
- Zic family member 3
- zinc finger MYM-type containing 2

Related Gene Panels

- Cakut (congenital anomalies of the kidney and urinary tract-1) (69 genes) - IPG
