

GENETIC TEST: Inherited Kidney Diseases (Gene Panel)

FULL NAME:	Inherited Kidney Diseases (Gene Panel)
DESCRIPTION:	New version of Inherited Kidney Disorders based on exome filtration
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Carrier diagnosis, Mutation confirmation, Post-natal Diagnosis, Predictive and Pre-symptomatic diagnosis, Prenatal diagnosis
SPECIMEN:	DNA, Peripheral (whole) blood on EDTA
METHOD CATEGORY:	Sequence analysis: entire coding region Deletion/duplication analysis Whole Exome Sequencing (WES)
METHOD TECHNIQUE:	Next Generation Sequencing (NGS)
RIZIV CODE:	565493-565504

EQA:	• renal disorders
TURNAROUND TIME (MAXIMUM):	4 - 6 months
CREATED:	23 Dec 2022 - 10:15
CHANGED:	16 Jan 2024 - 15:11

Source URL: http://gentest.healthdata.be/genetic_test/1105

RELATED CONTENT

Related Diseases

- [Autosomal dominant polycystic kidney disease](#)
- [Autosomal recessive polycystic kidney disease](#)
- [MUC1-related autosomal dominant tubulointerstitial kidney disease](#)
- [UMOD-related autosomal dominant tubulointerstitial kidney disease](#)

Related Laboratories

- [Centre de Génétique Humaine - CHU Sart-Tilman](#)

Related Analytes

- [angiotensin I converting enzyme](#)
- [actin gamma 2, smooth muscle](#)
- [actinin alpha 4](#)
- [ADAM metallopeptidase with thrombospondin type 1 motif 13](#)
- [ADAM metallopeptidase with thrombospondin type 1 motif 9](#)
- [adenylate cyclase 10](#)
- [angiotensinogen](#)
- [angiotensin II receptor type 1](#)
- [alanine--glyoxylate aminotransferase](#)
- [aldolase, fructose-bisphosphate B](#)
- [ALG5 dolichyl-phosphate beta-glucosyltransferase](#)
- [ALG8 alpha-1,3-glucosyltransferase](#)

- ALG9 alpha-1,2-mannosyltransferase
- ALMS1 centrosome and basal body associated protein
- alkaline phosphatase, biomineralization associated
- amnion associated transmembrane protein
- ankyrin repeat and sterile alpha motif domain containing 6
- anillin, actin binding protein
- anosmin 1
- adaptor related protein complex 2 subunit sigma 1
- apolipoprotein A1
- apolipoprotein L1
- adenine phosphoribosyltransferase
- aquaporin 2
- Rho GTPase activating protein 24
- Rho GDP dissociation inhibitor alpha
- ADP ribosylation factor like GTPase 6
- ATPase H+ transporting V0 subunit a4
- ATPase H+ transporting V1 subunit B1
- ATPase copper transporting beta
- ataxin 10
- advillin
- arginine vasopressin receptor 2
- beta-2-microglobulin
- B9 domain containing 1
- B9 domain containing 2
- BBSome interacting protein 1
- Bardet-Biedl syndrome 1
- Bardet-Biedl syndrome 10
- Bardet-Biedl syndrome 12
- Bardet-Biedl syndrome 2
- Bardet-Biedl syndrome 4
- Bardet-Biedl syndrome 5
- Bardet-Biedl syndrome 7
- Bardet-Biedl syndrome 9

- BicC family RNA binding protein 1
- bone morphogenetic protein 4
- bone morphogenetic protein 7
- basonuclin zinc finger protein 2
- barttin CLCNK type accessory subunit beta
- complement C3
- carbonic anhydrase 2
- calcium sensing receptor
- coiled-coil and C2 domain containing 2A
- cyclin Q
- CD151 molecule (Raph blood group)
- CD2 associated protein
- CD46 molecule
- cell division cycle 5 like
- cell division cycle 73
- centromere protein F
- centrosomal protein 164
- centrosomal protein 290
- centrosomal protein 41
- centrosomal protein 55
- centrosomal protein 83
- complement factor B
- complement factor H
- complement factor H related 1
- complement factor H related 3
- complement factor H related 5
- complement factor I
- chromodomain helicase DNA binding protein 1 like
- chromodomain helicase DNA binding protein 7
- cholinergic receptor muscarinic 3
- cholinergic receptor nicotinic alpha 3 subunit
- 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
- collagen type IV alpha 1 chain
- collagen type IV alpha 3 chain
- collagen type IV alpha 4 chain
- collagen type IV alpha 5 chain
- collagen type IV alpha 6 chain
- coenzyme Q2, polyprenyltransferase
- coenzyme Q6, monooxygenase
- coenzyme Q8A
- coenzyme Q8B
- crumbs cell polarity complex component 2
- centrosome and spindle pole associated protein 1
- cystinosin, lysosomal cystine transporter
- cytosolic thiouridylase subunit 2
- cubilin
- cullin 3
- cytochrome P450 family 24 subfamily A member 1
- dishevelled associated activator of morphogenesis 2
- doublecortin domain containing 2
- diacylglycerol kinase epsilon
- 7-dehydrocholesterol reductase
- DIS3 like 3'-5' exoribonuclease 2
- dentin matrix acidic phosphoprotein 1
- DnaJ heat shock protein family (Hsp40) member B11
- dual serine/threonine and tyrosine protein kinase
- dynein cytoplasmic 2 heavy chain 1
- DAZ interacting zinc finger protein 1 like
- epidermal growth factor
- epidermal growth factor receptor

- enoyl-CoA hydratase and 3-hydroxyacyl CoA dehydrogenase
- epithelial membrane protein 2
- EYA transcriptional coactivator and phosphatase 1
- fumarylacetoacetate hydrolase
- FAM20A golgi associated secretory pathway pseudokinase
- FANCD2 and FANCI associated nuclease 1
- FAT atypical cadherin 1
- fibrinogen alpha chain
- fibroblast growth factor 20
- fibroblast growth factor 23
- fumarate hydratase
- folliculin
- fibronectin 1
- Fraser extracellular matrix complex subunit 1
- FRAS1 related extracellular matrix 1
- FRAS1 related extracellular matrix 2
- FXYD domain containing ion transport regulator 2
- glucose-6-phosphatase catalytic subunit 1
- galactose-1-phosphate uridylyltransferase
- glucosidase II alpha subunit
- GATA binding protein 3
- glycine amidinotransferase
- galactosidase alpha
- GLI family zinc finger 3
- GLIS family zinc finger 2
- G protein subunit alpha 11
- glypican 3
- GREB1 like retinoic acid receptor coactivator
- glyoxylate and hydroxypyruvate reductase
- glutamate receptor interacting protein 1
- gelsolin
- 3-hydroxyanthranilate 3,4-dioxygenase
- HNF1 homeobox B

- hepatocyte nuclear factor 4 alpha
- 4-hydroxy-2-oxoglutarate aldolase 1
- homeobox A13
- hypoxanthine phosphoribosyltransferase 1
- heparanase 2 (inactive)
- hydroxysteroid 11-beta dehydrogenase 2
- intraflagellar transport 122
- intraflagellar transport 140
- intraflagellar transport 172
- intraflagellar transport 27
- intraflagellar transport 80
- inverted formin, FH2 and WH2 domain containing
- inversin
- IQ motif containing B1
- integrin subunit alpha 3
- integrin subunit alpha 8
- jagged canonical Notch ligand 1
- KN motif and ankyrin repeat domains 1
- KN motif and ankyrin repeat domains 2
- KN motif and ankyrin repeat domains 4
- potassium voltage-gated channel subfamily A member 1
- potassium inwardly rectifying channel subfamily J member 1
- potassium inwardly rectifying channel subfamily J member 10
- potassium inwardly rectifying channel subfamily J member 16
- lysine demethylase 6A
- klotho
- kelch like family member 3
- lysine methyltransferase 2D
- kynureninase
- laminin subunit alpha 5
- laminin subunit beta 2
- LIF receptor subunit alpha
- LIM homeobox transcription factor 1 beta

- leucine rich repeats and immunoglobulin like domains 2
- LDL receptor related protein 2
- LDL receptor related protein 4
- LDL receptor related protein 5
- LDL receptor related protein 6
- lysozyme
- leucine zipper transcription factor like 1
- MAGE family member D2
- membrane associated guanylate kinase, WW and PDZ domain containing 2
- mitogen-activated protein kinase binding protein 1
- MET proto-oncogene, receptor tyrosine kinase
- MKKS centrosomal shuttling protein
- MKS transition zone complex subunit 1
- metabolism of cobalamin associated C
- mucin 1, cell surface associated
- myosin heavy chain 9
- myosin IE
- myocardin
- NAD synthetase 1
- NIMA related kinase 8
- NHERF family PDZ scaffold protein 1
- NIPBL cohesin loading factor
- notch receptor 2
- nephrocystin 1
- nephrocystin 3
- nephrocystin 4
- NPHS1 adhesion molecule, nephrin
- NPHS2 stomatin family member, podocin
- nuclear receptor subfamily 3 group C member 2
- nuclear receptor interacting protein 1
- nucleoporin 107
- nucleoporin 133
- nucleoporin 160

- nucleoporin 205
- nucleoporin 85
- nucleoporin 93
- nuclear RNA export factor 5
- OCRL inositol polyphosphate-5-phosphatase
- OFD1 centriole and centriolar satellite protein
- paired box 2
- PBX homeobox 1
- pterin-4 alpha-carbinolamine dehydratase 1
- phosphodiesterase 6D
- decaprenyl diphosphate synthase subunit 2
- phosphate regulating endopeptidase X-linked
- polycystin 1, transient receptor potential channel interacting
- polycystin 2, transient receptor potential cation channel
- PKHD1 ciliary IPT domain containing fibrocystin/polyductin
- phospholipase C epsilon 1
- plasminogen
- plasmalemma vesicle associated protein
- phosphomannomutase 2
- podocalyxin like
- protein kinase C substrate 80K-H
- protein tyrosine phosphatase receptor type O
- renin
- ret proto-oncogene
- roundabout guidance receptor 1
- roundabout guidance receptor 2
- receptor tyrosine kinase like orphan receptor 2
- RPGRIP1 like
- Ras related GTP binding D
- ribonucleotide reductase regulatory TP53 inducible subunit M2B
- spalt like transcription factor 1
- seryl-tRNA synthetase 2, mitochondrial
- scavenger receptor class B member 2

- sodium channel epithelial 1 subunit alpha
- sodium channel epithelial 1 subunit beta
- sodium channel epithelial 1 subunit gamma
- SHH signaling and ciliogenesis regulator SDCCAG8
- succinate dehydrogenase complex iron sulfur subunit B
- succinate dehydrogenase complex subunit D
- SEC61 translocon subunit alpha 1
- SEC63 homolog, protein translocation regulator
- sphingosine-1-phosphate lyase 1
- SIX homeobox 1
- SIX homeobox 2
- SIX homeobox 5
- solute carrier family 12 member 1
- solute carrier family 12 member 3
- solute carrier family 1 member 1
- solute carrier family 22 member 12
- solute carrier family 26 member 1
- solute carrier family 26 member 3
- 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 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 2
- solute carrier family 6 member 19
- solute carrier family 7 member 7
- solute carrier family 7 member 9
- slit guidance ligand 2
- SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a like 1
- SRY-box transcription factor 17

- signaling receptor and transporter of retinol STRA6
- syntaxin 16
- TBC1 domain family member 1
- TBC1 domain family member 8B
- T-box 18
- tectonic family member 2
- tectonic family member 3
- transcription factor AP-2 alpha
- thrombomodulin
- transmembrane protein 138
- transmembrane protein 216
- transmembrane protein 231
- transmembrane protein 237
- transmembrane protein 260
- transmembrane protein 67
- TNF receptor associated protein 1
- tripartite motif containing 32
- tripartite motif containing 8
- transient receptor potential cation channel subfamily C member 6
- transient receptor potential cation channel subfamily M member 6
- TSC complex subunit 1
- TSC complex subunit 2
- tetratricopeptide repeat domain 21B
- tetratricopeptide repeat domain 8
- transthyretin
- TUB like protein 3
- uromodulin
- urolakin 3A
- von Hippel-Lindau tumor suppressor
- VPS33B interacting protein, apical-basolateral polarity regulator, spe-39 homolog
- VPS33B late endosome and lysosome associated
- WW domain binding protein 11
- WD repeat containing planar cell polarity effector

- [WD repeat domain 19](#)
- [WD repeat domain 35](#)
- [WD repeat domain 73](#)
- [WNK lysine deficient protein kinase 1](#)
- [WNK lysine deficient protein kinase 4](#)
- [Wnt family member 4](#)
- [Wnt family member 5A](#)
- [WT1 transcription factor](#)
- [xanthine dehydrogenase](#)
- [X-prolyl aminopeptidase 3](#)
- [exportin 5](#)
- [Zic family member 3](#)
- [zinc finger MYM-type containing 2](#)
- [zinc finger protein 423](#)

Related Gene Panels

- [Panel Nephro-ULG-V1](#)

Source URL: http://gentest.healthdata.be/genetic_test/1105