GENETIC TEST:
Neurodegeneration (gene panel)

FULL NAME:	Neurodegeneration (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
EQA:	• Rare neurological disorders
TURNAROUND TIME (MAXIMUM):	2-6 months

CREATED:	26 Nov 2019 - 14:49
CHANGED:	30 Jan 2024 - 09:04

RELATED CONTENT

Related Diseases

- ATP13A2-related juvenile neuronal ceroid lipofuscinosis
- Adult-onset distal myopathy due to VCP mutation
- Amyotrophic lateral sclerosis
- Amyotrophic lateral sclerosis type 4
- Autosomal dominant Charcot-Marie-Tooth disease type 2 due to KIF5A mutation
- Autosomal dominant adult-onset proximal spinal muscular atrophy
- Autosomal dominant spastic paraplegia type 10
- Autosomal recessive spastic paraplegia type 11
- Behavioral variant of frontotemporal dementia
- Cerebral autosomal dominant arteriopathy-subcortical infarcts-leukoencephalopathy
- Classic progressive supranuclear palsy syndrome
- Distal hereditary motor neuropathy type 7
- Distal hereditary motor neuropathy, Jerash type
- Early-onset autosomal dominant Alzheimer disease
- Familial Alzheimer-like prion disease
- Fatal familial insomnia
- Fetal Gaucher disease
- Frontotemporal dementia with motor neuron disease
- Gaucher disease type 1
- Gaucher disease type 2
- Gaucher disease type 3
- Gaucher disease-ophthalmoplegia-cardiovascular calcification syndrome
- Gerstmann-Straussler-Scheinker syndrome
- Hereditary late-onset Parkinson disease
- Huntington disease-like 1
- Huntington disease-like syndrome due to C9ORF72 expansions

- Inclusion body myopathy with Paget disease of bone and frontotemporal dementia
- Inherited Creutzfeldt-Jakob disease
- Juvenile amyotrophic lateral sclerosis
- Kufor-Rakeb syndrome
- Kuru
- Parkinson-dementia complex of Guam
- Parkinsonian-pyramidal syndrome
- Perry syndrome
- Progressive non-fluent aphasia
- Progressive supranuclear palsy-corticobasal syndrome
- Progressive supranuclear palsy-parkinsonism syndrome
- Progressive supranuclear palsy-progressive non-fluent aphasia syndrome
- Progressive supranuclear palsy-pure akinesia with gait freezing syndrome
- Semantic dementia
- Spastic paraplegia-Paget disease of bone syndrome
- Spinocerebellar ataxia with axonal neuropathy type 2
- Young-onset Parkinson disease

Related Laboratories

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

Related Analytes

- alanyl-tRNA synthetase 2, mitochondrial
- 4-aminobutyrate aminotransferase
- ATP binding cassette subfamily B member 7
- ATP binding cassette subfamily D member 1
- ADP-ribosylserine hydrolase
- AFG3 like matrix AAA peptidase subunit 2

- angiogenin
- annexin A11
- adaptor related protein complex 5 subunit zeta 1
- apolipoprotein E
- amyloid beta precursor protein
- arylsulfatase A
- ATPase cation transporting 13A2
- ATPase Na+/K+ transporting subunit alpha 3
- ATPase H+ transporting accessory protein 2
- chromosome 19 open reading frame 12
- C9orf72-SMCR8 complex subunit
- cyclin F
- coiled-coil-helix-coiled-coil-helix domain containing 10
- coiled-coil-helix-coiled-coil-helix domain containing 2
- charged multivesicular body protein 2B
- CLN3 lysosomal/endosomal transmembrane protein, battenin
- CLN5 intracellular trafficking protein
- CLN6 transmembrane ER protein
- CLN8 transmembrane ER and ERGIC protein
- cytochrome c oxidase assembly factor 7
- Coenzyme A synthase
- carnitine acetyltransferase
- colony stimulating factor 1 receptor
- cathepsin D
- cathepsin F
- dynactin subunit 1
- DnaJ heat shock protein family (Hsp40) member C13
- DnaJ heat shock protein family (Hsp40) member C5
- DnaJ heat shock protein family (Hsp40) member C6
- eukaryotic translation initiation factor 4 gamma 1
- erb-b2 receptor tyrosine kinase 4
- fatty acid 2-hydroxylase
- F-box protein 7

- FIG4 phosphoinositide 5-phosphatase
- ferritin light chain
- FUS RNA binding protein
- frataxin
- glucosylceramidase beta 1
- GTP cyclohydrolase 1
- GRB10 interacting GYF protein 2
- glutamate dehydrogenase 2
- glutamate ionotropic receptor delta type subunit 2
- granulin precursor
- iron responsive element binding protein 2
- integral membrane protein 2B
- kinesin family member 5A
- kinesin light chain 4
- leucine rich repeat kinase 2
- microtubule associated protein tau
- matrin 3
- major facilitator superfamily domain containing 8
- neurofilament heavy chain
- NIMA related kinase 1
- notch receptor 3
- NPC intracellular cholesterol transporter 1
- NPC intracellular cholesterol transporter 2
- optineurin
- pantothenate kinase 2
- Parkinsonism associated deglycase
- profilin 1
- post-GPI attachment to proteins inositol deacylase 1
- PTEN induced kinase 1
- phospholipase A2 group VI
- podocalyxin like
- DNA polymerase gamma, catalytic subunit
- palmitoyl-protein thioesterase 1

- parkin RBR E3 ubiquitin protein ligase
- prion protein
- peripherin
- presenilin 1
- presenilin 2
- RAB18, member RAS oncogene family
- RALBP1 associated Eps domain containing 1
- senataxin
- sigma non-opioid intracellular receptor 1
- solute carrier family 6 member 3
- synuclein alpha
- superoxide dismutase 1
- SPG11 vesicle trafficking associated, spatacsin
- SPG21 abhydrolase domain containing, maspardin
- sequestosome 1
- synaptojanin 1
- TAR DNA binding protein
- TANK binding kinase 1
- tubulin alpha 4a
- ubiquilin 2
- upstream binding transcription factor
- ubiquitin C-terminal hydrolase L1
- VAMP associated protein B and C
- valosin containing protein
- vacuolar protein sorting 13 homolog C
- VPS35 retromer complex component
- WD repeat domain 45

Related Gene Panels

- Neurodegeneration (99 genes) - IPG

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