GENETIC TEST:
Early-onset severe obesity

FULL NAME:	Early-onset severe obesity
DESCRIPTION:	Gene Panel
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Post-natal Diagnosis
SPECIMEN:	Peripheral (whole) blood on EDTA
METHOD CATEGORY:	Sequence analysis: entire coding region Deletion/duplication analysis
METHOD TECHNIQUE:	Next Generation Sequencing (NGS) MLPA based techniques
RIZIV CODE:	565493-565504
ACCREDITATION (ISO 15189):	2022-02-24 / 2026-02-23
EQA:	• DNA Sequencing – NGS (vGermline)

TURNAROUND TIME (MAXIMUM):	6 month
CREATED:	13 Dec 2019 - 10:57
CHANGED:	01 Dec 2023 - 13:38

RELATED CONTENT

Related Diseases

- Abdominal obesity-metabolic syndrome 3
- Alström syndrome
- Autosomal dominant non-syndromic intellectual disability
- Bardet-Biedl syndrome
- Borjeson-Forssman-Lehmann syndrome
- Carpenter syndrome
- Congenital central hypoventilation syndrome
- Cushing syndrome due to bilateral macronodular adrenocortical disease
- Infantile spasms syndrome
- Joubert syndrome
- Joubert syndrome with hepatic defect
- Joubert syndrome with ocular defect
- Joubert syndrome with oculorenal defect
- MAGEL2-related Prader-Willi-like syndrome
- Meckel syndrome
- Non-specific syndromic intellectual disability
- Obesity due to SIM1 deficiency
- Obesity due to congenital leptin deficiency
- Obesity due to leptin receptor gene deficiency
- Obesity due to melanocortin 4 receptor deficiency
- Obesity due to pro-opiomelanocortin deficiency
- Obesity due to prohormone convertase I deficiency
- Rubinstein-Taybi syndrome due to 16p13.3 microdeletion
- Rubinstein-Taybi syndrome due to CREBBP mutations
- Rubinstein-Taybi syndrome due to EP300 haploinsufficiency
- Senior-Loken syndrome

- Severe early-onset obesity-insulin resistance syndrome due to SH2B1 deficiency
- Sotos syndrome
- Ulnar-mammary syndrome
- WAGR syndrome

Related Laboratories

- Centre de Génétique Humaine - CHU Sart-Tilman

Related Analytes

- Adenylate cyclase 3
- ALMS1 centrosome and basal body associated protein
- ADP ribosylation factor like GTPase 6
- 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
- brain derived neurotrophic factor
- centrosomal protein 290
- CREB binding protein
- dual specificity tyrosine phosphorylation regulated kinase 1B
- E1A binding protein p300
- GNAS complex locus
- intraflagellar transport 27

- inositol polyphosphate-5-phosphatase E
- leptin
- leptin receptor
- leucine zipper transcription factor like 1
- MAGE family member L2
- Melanocortin 3 receptor
- melanocortin 4 receptor
- MKKS centrosomal shuttling protein
- MKS transition zone complex subunit 1
- melanocortin 2 receptor accessory protein 2
- myelin transcription factor 1 like
- neurotrophic receptor tyrosine kinase 2
- proprotein convertase subtilisin/kexin type 1
- PHD finger protein 6
- proopiomelanocortin
- RAB23, member RAS oncogene family
- SHH signaling and ciliogenesis regulator SDCCAG8
- SET domain containing 2, histone lysine methyltransferase
- SH2B adaptor protein 1
- SIM bHLH transcription factor 1
- T-box transcription factor 3
- tripartite motif containing 32
- tetratricopeptide repeat domain 8
- TUB bipartite transcription factor
- WD repeat containing planar cell polarity effector

Related Gene Panels

- Early-onset severe obesity (44 genes) - ULG
