GENETIC TEST:
Amyotrophic lateral sclerosis (gene panel)

FULL NAME:	Amyotrophic lateral sclerosis (gene panel)
DESCRIPTION:	Part 2: Genetic check of the other most common genes linked to: Familial Amyotrophic lateral sclerosis (FALS): SOD1, TARDBP and FUS. The exons in which the mutations described so far are located (SOD1 ex 1-5; TARDBP ex 6 and FUS ex 5, 6, 14 and 15) are examined by direct sequencing. Frontotemporal dementia: The coding regions of MAPT and GRN are examined by direct sequencing. Genomic deletions and duplications in MAPT and GRN are detected using MLPA (multiplex ligation dependent probe amplification) (SALSA MLPA P275).
TEST TYPE:	Clinical
TEST SPECIALTY:	Molecular Genetics
TEST PURPOSE:	Mutation confirmation, Post-natal Diagnosis, Predictive and Pre-symptomatic diagnosis
SPECIMEN:	Peripheral (whole) blood on EDTA

METHOD CATEGORY:	Sequence analysis: entire coding region Deletion/duplication analysis
METHOD TECHNIQUE:	Bi-directional Sanger Sequence analysis MLPA based techniques
RIZIV CODE:	565456-565460
ACCREDITATION (ISO 15189):	2021-07-08 / 2026-02-02
TURNAROUND TIME (MAXIMUM):	3 - 4 months
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