

Test	Test Name (French)	Test Code	Methodology	TAT (days)	Patient Preparation	Specimen Requirements				
						Type	Volume	Tube	Minimum Volume	Stability
Abnormal Mineralisation Panel- Osteogenesis imperfecta	Panel de minéralisation anormale - Ostéogenèse imparfaite	MG-93610	NGS sequencing + CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Amyotrophic Lateral Sclerosis (ALS) panel	Panel de Sclérose Latérale Amyotrophique	MG-93530	NGS sequencing + CNV + Repeat Expansion analysis	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Atypical hemolytic uremic syndrome panel	Syndrome hémolytique et urémique atypique (SHU)	MG-93570	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Bone marrow failure / Anemia panel (NGS+CNV)	Panel d'insuffisance médullaire / anémie (NGS+CNV)	MG-93841	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Carrier testing qPCR/Known familial del/dup testing	Mutation familiale connue del/dup	MG-9315	MLPA	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Carrier testing Sanger /Known familial point mutation testing	Mutation ponctuelle familiale connue	MG-9314	Sanger Sequencing	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
CentoCancer panel (NGS+CNV)	Panel Cancer (NGS+CNV)	MG-93655	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
CentoCancer panel comprehensive (NGS+CNV)	Panel Cancer Compréhensive (NGS+CNV)	MG-93656	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days

CentoColon panel (NGS+CNV)	Panel Cancer Colon (NGS+CNV)	MG-93657	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
CentoDysmorph panel	Panel Dysmorphie	MG-93411	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Diabetes & Obesity Panel	Panel Diabètes et Obésité	MG-93560	Next generation Sequencing+MLP A	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Exome Solo (Raw Data)	Exome Solo (Données brutes)	MG-93550	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Exome Solo+CNV+Mito	Exome Solo+CNV+Mito	MG-93559	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Fragile-X Syndrome, FMR1	Syndrome X- Fragile, FMR1	MG-9317- FMR1	Repeat Expansion analysis	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Friedreich ataxia, FRDA	Ataxie de Friedreich, FRDA	MG-9311-FXN	Sanger Sequencing	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Friedreich ataxia, repeats	Ataxie de Friedreich, répétitions	MG-9317-FXN	Repeat Expansion analysi	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Gene Expansion (repeats) /Fragment Length Analysis	Expansion du gène (répétitions)/Analy se de fragments	MG-9317	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days

Genome Solo+CNV	Genome Solo+CNV	MG-93571	NGS sequencing + CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
				30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Immuno Panel	Panel Immuno	MG-93940	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Maternal Contamination (Markers)	Contamination Maternelle	MG-9321	Genotyping	30	None	Blood (maternal); Amniotic Fluid (AF); Chorionic Villus sampling (CVS); Product of conception (POC)	blood:2-3 mL; AF:5- 10mL; CVS & POC: 5- 15mg	EDTA tube (lavender top)/Sterile container	blood:1 mL; AF:2mL; CVS & POC:5mg	Room Temperature: 4-6 hrs Refrigerated: 7 days Frozen: Unacceptable
Mito Genome/Leber optic atrophy panel	Panel Mito Genome/Atrophie optique de Leber	MG-93444	NGS sequencing + large deletions in mitochondrial encoded genes	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Neuromuscular Panel	Panel Neuromusculaire	MG-93539	NGS sequencing + CNV + Repeat Expansion analysis	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
NGS single gene+CNV	Gène: Séquençage à haut Débit +CNV	MG-9313	Next generation Sequencing+CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Noonan - RASopathies panel	Panel Noonan- RASopathies	MG-93413	NGS sequencing + CNV	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days

Prenatal processing fee - WES/WGS Solo	Procédure Prénatal- WES/WGS Solo	MG-9320-1	N/A	15-20	None	Reduced TAT through prioritization and expediting at each stage of the process, including cell culture and maternal contamination (if maternal sample is available)	AF:5-10ml; CVS & POC: 5-15mg	Sterile container/cup/ syringe	AF:5 mL; CVS & POC:5 mg	Room Temperature: 4-6 hrs Refrigerated: 7 days Frozen: Unacceptable
Solid Tumor Panel	Panel de Tumeurs Solides	MG-93659	Next generation Sequencing	25-30	None	FFPE (Formaline fixed Parafin Embedded Tissue)	1 Paraffin block	N/A	N/A	Room Temperature: Unlimited
Solid Tumor Panel- Research	Panel de Tumeurs Solides-Recherche	MG-931270	Next generation Sequencing	25-30	None	FFPE (Formaline fixed Parafin Embedded Tissue)	1 Paraffin block	N/A	N/A	Room Temperature: Unlimited
Steinert Disease, Myotonic dystrophy 1, DMPK, repeats	Myopathie de Steinert, DMPK, répétitions	MG-9317-DMPK	Repeat Expansion analysi	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Silver-Russell Syndrome- MLPA (11p15)	Syndrome de Silver-Russell, SSR- MLPA (11p15)	MG-9312-SRS	MLPA	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Prenatal processing fee, non-WES/WGS	Procédure Prénatal- non WES/WGS Solo	MG-9320-4	N/A	15-20	None	Determines the level of maternal contamination in fetal received	N/A	N/A	N/A	N/A
DMD large deletions/duplications by MLPA	DMD large mutations/duplications par MLPA	MG-9323	Multiplex ligation probe amplification (MLPA)	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
MYD88 - Carrier testing Sanger (point mutation)	MYD88-Mutation ponctuelle connue	MG-9322	Sanger Sequencing	30	None	Bone Marrow	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days

Breast Ovarian Cancer Panel – Campaign 2022	Panel Cancer Sein- Ovaire Campagne 2022	MG-9324	Panel + MLPA (test envoyé en Grèce)	30	None	Blood	2 - 3 mL	EDTA tube (lavender top)	2 mL	Room Temperature: 4-6 hrs Refrigerated: 7 days
Re analysis of exome sequencing	Re analyse d'exome	MG-9325	Re analyse	15						