NAME, First name:	
(CAPITAL LETTERS, please)	

Laboratory only		
DM-		



DIAGNOSTIQUE / Service de Médecine Génétique

Centre d'accueil des prélèvements (CAP) Bâtiment des Laboratoires (BATLab), local 8D-0-850.1 4 rue Gabrielle-Perret-Gentil, 1211 Genève 14

Genomic and Molecular Diagnostics Laboratory Accredited since 2003, formerly STS 0382



DIAGMOL

http://www.hug-ge.ch/feuilles-de-demande

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Lab direct or results: Phone/FAX: +41 (0) 22 37 21 826 / 21 860 Sample Entrance Center (CAP): Phone +41 (0) 22 37 21 800

Mr. Mrs. (IN UPPER CASE, please)
Name:
Maiden Name:
First name:
Date of birth : / /
Legal representative (for minors) : □father □mother
Name/first name :
Street/N°:
Town, ZIPCODE:
Hospitalisation Unit: Physician :
N° EdS:
Insurance : Insured N :

PHYSICIAN	
PHYSICIAN (NAME/First name - Street/N°- Town, ZIPCODE - Phone/FAX. IN UPPER CAS	SES, PLEASE)
COPY TO OTHER PHYSICIAN (NAME/First name - Street/N°- Town, ZIPCODE - Phone	P/FAX. IN UPPER CASES, PLEASE)
« The laboratory is granted permission by the Physician/Patient to transmit copies of the repo	ert to other physicians
 Opposition of the patient to the registration of this request results in the 	
	. ,
If the patient belongs to a family already known to the laboratory, please inc	icate index case NAME:
CLINICAL INFORMATIONS given by the physician:	

CLINICAL INFORMATIONS given b	by the physician:	
Ethnic esision - Eath as		
Ethnic origins Father		Mother
Currently pregnant	Date of last menses	Number of weeks of amenorrhea
SAMPLE(S)		

Most of our tests work from 4 ml of blood in EDTA (children <2 ans : 1



Prenatal

□ Blood (tube EDTA)	
☐ Saliva (sampled only in tube Oragene-DNA)	
☐ Other type of sample	-

Please indicate type : ☐ DNA from external source

Reference.	
DNA already in bank a	our laboratory
Reference number:	

□ Amniotic fluid ☐ Chorionic villi ☐ Fetal tissue □ Other

O sang/EDTA O ADN déjà en banque O Tissus fixés O Tissus fixés O Liq. Amnio.

Quantité, Remarques

NAME, First name : (CAPITAL LETTERS, please)	Labora DM-	tory only		
(if known)				
TEST LIST : SEE OVER (PAGES 3 ET 4)				
PHYSICIAN'S SIGNATURE AND INFORMED CONS	FNT			
PHYSICIAN (NAME/First name – Street/N°- Town, ZIPCODE - Phone/FA)				
* I certify that the concerned person (patient, legal representative) has a counseling according to the law on human genetic analysis (LAGH) on of the described genetic analysis in the form "patient information". This consent (in writing for prenatal, presymptomatic or family planning anal enough time to ask questions and make its decision.	the various aspects s person has given its	Date and Physician's signature	MANDAT	TORY*
The patient has given his informed consent for the chec sample specified at the first page.	cked analyses that	are listed at the pages 3-4,	to be done on	the
The following questions marked by a star * must be checke	d (MANDATORY !).			
Decision of the patient regarding the storage and use o *mandatory	f his/her remaining	biological sample(s) and ra	aw analytical d	ata :
 He/she agrees that the remaining biological material ar informed consent will be necessary for any further addi In case of a negative answer the remaining biological sample will be de- 	tional analyses. *	·		His/her ⊒NO
He/she agrees that his/her biological sample and raw ar	nalytical data are use	ed anonymously for quality tes	-	INO
*MANDATORY ONLY FOR ANALYSES INVOLVING HIG Decision of the patient regarding the transmission of re			•	<u> </u>
findings") *mandatory	-		•	
He/she wishes to be informed about genetic results belongi	ng to the following ca	ategories :		
		3		
 Carrier of a disorder for which preventive and/or therape 	eutic measures are a		□YES	□NO
	eutic measures are a		□YES	□NO
Person incapable of discernment: □YES □NO	pable of discernme	vailable*:	□YES	□NO
Person incapable of discernment: The following questions do NOT apply for persons inca Carrier of a disorder for which no preventive / therapeuti	pable of discernme ic measures are yet	vailable*: ent available*:	□YES	
 The following questions do NOT apply for persons inca Carrier of a disorder for which no preventive / therapeuti 	pable of discernme ic measures are yet seen the following gen	vailable * : ent available *: neration or other family memb	□YES	□NO
Person incapable of discernment: The following questions do NOT apply for persons inca Carrier of a disorder for which no preventive / therapeuti Healthy carrier of a recessive disorder which could conc Other decisions:	pable of discernme ic measures are yet seen the following gen	vailable * : ent available *: neration or other family memb	□YES	□NO
Person incapable of discernment: The following questions do NOT apply for persons inca Carrier of a disorder for which no preventive / therapeuti Healthy carrier of a recessive disorder which could cond Other decisions:	pable of discernments in measures are yet seen the following gen	vailable * : ent available *: neration or other family memb	□YES	□NO
Person incapable of discernment: The following questions do NOT apply for persons inca Carrier of a disorder for which no preventive / therapeuti Healthy carrier of a recessive disorder which could cond	pable of discernment ic measures are yet seen the following generates the foll	vailable * : ent available *: neration or other family members icate this below. Should this be	□YES pers*: □YES the case he/s	□NO □NO □NO

NAME, First name:	
(CAPITAL LETTERS, please)	

DM-		

REQUESTED ANALYSIS / ANALYSES

NB: IF REQUEST IS FOR A HIGH THROUGHPUT SEQUENCING (GENOME CLINIC), PLEASE GO DIRECTLY TO PAGE 4.

General tests Alpha-tryptasemia (<i>TPSAB1</i> and <i>TPSB2</i>) Amyloidosis (familial, <i>TTR</i>) AS, Angelman syndrome na APECED (<i>AIRE</i>) Beckwith-Wiedemann (BWS) na BPES (<i>FOXL2</i>) * CMM2 Cutan. Malign. Melanoma (<i>CDKN2A</i>) * na EGFR mutations (T790M and others) on ctDNA (only in <i>Streck BCT</i> or PAXgene DNA tubes) * FG (Keller syndrome, <i>MED12</i>) * na HBLRG, Gilbert syndrome (<i>UGT1A1</i>) * HDGC, Her. Diff. Gastric Cancer (<i>CDH1</i>) * na HED, Hypohidrotic Ectodermal Dysplasia (<i>EDA</i>) * HFE-HH, Hered. Hemochromatosis (<i>HFE</i>) HSCR, Hirschsprung (<i>RET</i>) * na XLI, Ichtyosis, X-linked type (<i>STS</i>) PFIC3, Intrahepatic Cholestasis (<i>ABCB4</i>) * d SMAX1, Kennedy (SBMA, <i>AR</i>) na KNO1, Knobloch, (<i>COL18A1</i>) na Lactose intolerance (<i>LCT</i>) * LWD, Leri-Weill (<i>SHOX</i>) LFS, Li Fraumeni, (<i>TP53</i>) Marfan (<i>FBN1</i>) NF1, Neurofibromatosis type I (<i>NF1</i>) na Non-invasive prenatal diagnostic of monogenic diseases (<i>contact us in advance</i>) * PJS, Peutz-Jeghers (<i>STK11</i>) na PTEN Hamartoma Tumor syndrome (PHTS, Cowden, Hamartomas, BRRS, Proteus, <i>PTEN</i>) PWS, Prader-Willi na Rendu-Osler-Weber (ROW) * d Rendu-Osler-Weber (ROW) * d Rendu-Osler-Weber (ROW) * d	Cystic Fibrosis (CF, CFTR) Please indicate the ethnic origins of the patient at page 1 (for residual risk calculation) Screening frequent mutations (with / without IVS8 5T, CFTR-related disorders) Full CFTR analysis (sequencing+ del/dup by MLPA) na Hyperechogenic fetal bowel (frequent mutations CFTR in parents) Hyperechogenic fetal bowel (frequent mutations CFTR + del/dup by MLPA in parents) Deafness DFNB1, congenital (locus DFNB1) * Mitochondrial mutations *na Endocrine Neoplasias, Pheochromocytoma, Paraganglioma (MEN, PCC, PGL) MEN1, Multi. Endoc. Neopl. type I (MEN1) MEN2, Multi. Endoc. Neopl. type II (RET) PGL/PCC, Paraganglioma/Pheochromocytoma: Full sequencing (+MLPA) or SDHB gene RET gene SDHC gene SDHC gene SDHC gene Individual prices available upon request Von Hippel Lindau (VHL) Familial Pneumothorax (Birt-Hogg-Dubé, BHD) * Frequent mutation, FLCN, exon 11 FLCN full gene analysis Familial Adenomatous Polyposis (FAP) Full Screening APC + MUTYH or APC gene MAP (MUTYH, ex. 7,13) na FGFR3 (syndromes linked to) Achondroplasia Craniosynostosis or Muenke Hypochondroplasia Thanatophoric dysplasia, types I, II SADDAN Fibrinopathies *	Mitochondriopathies (ADNmt) □ Leber optic neuropathy (LHON) □ Cytopathy MELAS, MERRF, NARP □ Deletions/Dup (muscle biopsy only) * □ Chromosome Mit sequencing Monogenic Diabetes (MODY, NDM) * Whole Exome Sequencing and Targeted Gene Panel Analysis: see next page (page 4) Or □ HNF4A gene (MODY 1) ° □ GCK gene (MODY 2) ° □ HNF1B gene (MODY 3) ° □ PDX1 gene (MODY 4) ° □ HNF1B gene (MODY 5) ° □ INS gene (MODY 10) ° □ KCNJ11 gene d Neurological and Neuromuscular □ SMA, Spinal Musc. Amyotrophy (SMN1) □ CADASIL (NOTCH3) * □ DOPA-responsive dystonia (GCH1) * □ Dravet syndrome (SCN1A) * □ Dravet syndrome (SCN1A) * □ SPHD1, Facio-Scapulo-Humeral Dystrophy, type1 * ¹ □ (anly from fresh EDTA blood) □ GLUT1 (SLC2A1) * □ SPAST, Hered. Spastic Paraparesis (SPG4) □ STARTLE (Hyperekplexia, GLRA1) * □ DMD, BMD, Muscular Dystroph Duchenne/Becker (DMD), deletions □ DM1, Myotonic Dystrophy of Steinert (DMPK) □ OPMD, Oculopharyngeal Muscular Dystrophy (PABPN1) * □ TOR1A, Torsion Dystonia (DYT1) * □ Pancreatitis □ CFTR+ IVS8 5T (frequent mutations) □ PRSS1 frequent mutation □ PRSS1 frequent mutations *
RETT syndrome (<i>MECP2</i>) RSS, Russell-Silver syndrome (11p15) na	☐ Afibrinogenemia (<i>FGA, FGB, FGG</i>)☐ Dysfibrinogenemia (<i>FGA, FGG</i>)	Primary Ciliary Dyskinesia (PCD) * Whole Exome Sequencing and Targeted Gene Panel Analysis: see next page (page 4)
☐ Sickle cell anemia (Drepanocytosis, <i>HBB</i>) ☐ UPD, Uniparental Disomy, Chr*	☐ Hypofibrinogenemia (<i>FGA</i> , <i>FGG</i>) Fragile X (FRAXA, <i>FMR1</i>) na ☐ Diagnostic ☐ Corrier testing	Waardenburg (WS) ★ ☐ Types I and III (PAX3 gene) ☐ Type II (MITF gene) na
□ VWF, all types, **na @ □ WAGR, Wilms tumor (WT1) **na Alpha-1-antitrypsin deficiency (A1AT) □ Genotyping PI°S/Z □ Full sequencing of SERPINA1 Ashkenazi mutations (rare disease carrier) □ Full screening * or □ CFTR □ Fragile-X □ Tay-Sachs+ FD+Fanconi+Canavan * □ von Gierke+Bloom+Niemann-Pick+ML-IV * Individual prices available upon request Ataxias □ Full screening □ SCA1 na □ SCA2 na □ SCA3 na □ SCA6 na □ SCA7 na □ SCA17 na □ Friedreich □ DRPLA na □ FXTAS na Cardiac Arrhythmias (Channelopathies, CCP) * □ SCN5A gene (Brugada) de	Carrier testing □ Premature ovarian failure (POI) Genetic sex * □ Genetic sex determination □ SRY search in a Turner □ SRY sequencing Hemophilias □ HA, F8, complete analysis cl □ HB, F9, complete analysis Huntington disease (HD, HTT) □ Diagnostic □ Presymptomatic (2 tubes please) Hereditary Periodic Fevers (HRF) * □ Full Sequencing (4 genes) □ FMF, MEFV gene □ FMF, MEFV gene (complete sequencing) □ CAPS, NLRP3 gene □ HIDS, MVK gene □ TRAPS, TNFRSF1A gene Whole Exome Sequencing and Targeted Gene Panel Analysis: see next page (page 4) HNPP (tomaculous neuropathy) □ Deletion CMT1A □ PMP22 gene sequencing Lynch syndrome (HNPCC) Full screening by NGS see next page (page 4) or MSH2+MSH6 genes □ MSI (on tumor biopsy) □ BRAF1 V600E (on tumor biopsy) □ Male infertility □ CFTR+5T (frequent mutations) □ Y chromosome microdeletions (DAZ)	Miscelleanous (cf. additional informations) Analysis to specify na ★ DNA Extraction + Banking Circulating cell-free DNA Extraction (only in Streck BCT or PAXgene blood DNA tubes) Specific/ Known familial mutation ★ mRNA analysis ★ na ② (blood only in PAXgene blood RNA tubes) Exclusion of maternal contamination in fetal sample (amnio-, choriocentesis) ★ Transfer of DNA to an external laboratory (please provide specifics below) and complete the ECA forms for internal requests. Transfer of DATA of NGS to an external laboratory (please provide specifics below), complete the DATA exchange form and complete the consent level 3.

	_	
NAME, First name:		
(CAPITAL LETTERS, please)		DM-
	_	

REQUESTED ANALYSIS / ANALYSES

HIGH THROUGHPUT SEQUENCING OF TARGETED				LINIC)		
NB: IF THE REQUEST CONCERNS A CLASSICAL ANALYS Test not included in the Swiss federal list of laboratory tests (C Test not accredited; Please contact us in advance (available eserves the right to select the most appropriate technique (high	DFSP, BAG, FOPH). The out-of ility, TAT,). The rates applied	-list tests are not automa d are those of the list of a	atically reimbursed by Swiss analyzes of the OFSP / BAC	6. The laboratory		
□ DNA extraction and banking □	Parent of index case for t	rio analysis				
HIGH THROUGHPUT SEQUENCING FOLLOWED BY Prescription by a physician with a federal postgraduate FMH diploma in n 2.Cenetics na 2.2.2.Moleculare genetics analyses).				atory tests (Chapter		
☐ Cardiac Channelopathies (Arrhythmias, CCP) × ☐ Cardiomyopathies ×		Lynch syndrome (HNP Neurofibromatosis typ				
□ Diabetes, monogenic (MODY, NDM) *□ Primary Ciliary Dyskinesia (PCD) *		Growth disorder syndieckwith-Wiedemann, Silv				
☐ FGF receptor-associated dysplasias ☐ Duchenne and Becker dystrophinopathies and muscula dystrophies (protein disorders associate with dystrophin)		Other disease (please sition in the Swiss list	specify below the genes t of laboratory tests)	o analyze and the		
☐ Hereditary periodic fevers *		Other orphan diseases	S * (please specify below the	genes to analyze)		
☐ Wilson's disease ☐ Hereditary neoplasia		"Orphan disease" reimbur ed by a physician with a fed	rsement request must be deral postgraduate FMH diplor	na		
HIGH THROUGHPUT SEQUENCING FOLLOWED BY Prescription only by a physician with a federal postgraduate FMH diploms Mitochondriopathies 11-100 genes > 100 genes	<u>a in medical genetics</u> , according to the Dis Dis	the Swiss federal list of laborate aceases related to uroge 11-100 genes > 100 genes		rility		
Cardiac Channelopathies (Arrhythmias, CCP)		Hereditary neoplasia 11-100 genes				
Cardiomyopathies *na		□ >100 genes				
☐ 11-100 genes Primary Ciliary Dyskinesia (PCD) ★		n sorimotor neuropathi MT, HNPP, amyloid polyi				
☐ 11-100 genes		1 1-100 genes	, , , , , , , , , , , , , , , , , , ,			
Diabetes, monogenic (MODY, NDM) ★ 11-100 genes		Ilman syndrome 3 11-100 gènes				
Ehlers-Danlos	Ma	rfan syndrome and oth	er thoracic aorta syndron	nes		
☐ 11-100 genes Epilepsy ≭		☐ 11-100 genes ndelian syndrome with	arowth disorder			
11-100 genes		11-100 genes	growth disorder			
☐ > 100 genes		☐ > 100 genes				
Diseases related to coagulation, blood and immune system 11-100 genes		velopmental disorders 1 11-100 genes	*			
☐ > 100 genes		3 > 100 genes				
Neuromuscular et neurodegenerative diseases	Ott	or diagona (places or	posify balow the games to	analyza and the		
☐ 11-100 genes ☐ > 100 genes		sition in the Swiss list	pecify below the genes to of laboratory tests)	anaryze and the		
Diseases related to skin, connective tissue or bones	[1 1-100 genes				
11-100 genes	[> 100 genes				
☐ > 100 genes Metabolic and endocrine diseases ☐ 11-100 genes			(please specify below the pursement request must be fill I diploma			
☐ > 100 genes		1 1-100 genes	•			
Ophtalmologic diseases		> 100 genes				
☐ 11-100 genes ☐ > 100 genes						
ADDITIONAL ANALYSES @ Additional bioinformatic analysis □ 1-10 genes □ 11-100 Other additional analyses □ Sanger sequencing □ MLP						
Comments:						
INFORMATIONS ABOUT BIOINFORMATIC ANALYS Gene panel to analyze (please contact us in advance):	ES Gene panels: http://www.h	ug-ge.ch/medecine-gen	etique/liste-panels-genes			
(Please specify the investigated pathology, the number of gene	es and the requested gene pan	el (if available) or else pi	rovide your gene list in an	Excel file)		
SEARCH FOR VARIANTS IN THE PARENTS						
In case of request of search of variants in the parents, plead ☐ Consanguineous parents Precisions/comments:	ase send us for each of them	the sample and a requ	est of DNA extraction and	banking.		
Father: Last name: First name	: Date c	of birth :	Sample available : ☐ Yes	□ No □ Will be sen		
Mother: Last name : First name	e : Date o	of birth :	Sample available : ☐ Yes	☐ No ☐ Will be sent		
Complementary information /comments:						

DIAGMOL (E)_11.12.2024