

Paediatric Laboratory Medicine 555 University Avenue Room 3416, Roy C. Hill Wing Toronto, ON, M5G 1X8, Canada

Tel: 416-813-7200 x1 Fax: 416-813-7732 molecular.lab@sickkids.ca

Genome Diagnostics

www.sickkids.ca/dplm

Patient Name:		
Date of Birth (DD/MM/YYYY):		
Gender: Male Female	MRN:	
Parent's Name:		
Address:		
Telephone #:		
For Canada Only (Billing section must be completed for all non-OHIP)		
Provincial Health Card #:	Version:	
Issuina Province:		

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RNA SEQUENCING		
Ordering Physician: Name: Institution/Facility/Ward/Clinic: Address: Phone Fax Email address: Signature (required)	RNA Sequencing submission requirements: Consent: The test has been discussed with the patient. Clinical information: The following information has been provided for the patient on pages 2-4: Phenotypic information (PhenoTips or Clinical data sheet) Family history (pedigree) Previous testing history Relevant clinic note(s) and/or letter(s)	
Copy Report To: Name:	☐ Full RNA Sequencing ☐ RNA sequencing for targeted analysis Complete below and attach a copy of proband's report: Gene & NM#:	
Bone Marrow Transplant/Transfusion Has the patient undergone bone marrow transplant? Yes No Date of bone marrow transplant (DD-MM-YYYY): Testing for patients who have received an allogenic bone marrow trans-plant must be completed on a pre-transplant sample or a non-hematologic sample Has the patient received a blood transfusion? Yes No Date of last transfusion (DD-MM-YYYY): Blood obtained for genetic testing should ideally be collected at least 2-4 weeks after the date of the last transfusion The specimen should be shipped on a Monday, Tuesday or Wednesday. If	Laboratory Use: Date (DD/MM/YYYY) Time Received:	
there is a delay in the shipping of specimen (i.e. >48 hours), the sample should be placed in the refrigerator and shipped to Genome Diagnostics Laboratory on ice. Please call to inform us when the samples are being sent	Comments:	

Proband name:	MRN:	DOB:
	CLINICAL DATA SHEET	
Previous genetic testing:	Developmental/Behavioral	O phthalmological
☐ Single gene/Gene panel (1):	☐ Aggressive behavior☐ ADHD	☐ Anophthalmia☐ Cataracts
Result:	☐ ADHD☐ Anxiety	☐ Cataracts
	☐ Autistic Behavior	Corneal opacity
☐ Single gene/Gene panel (2):	☐ Autism spectrum disorder☐ Cognitive impairment	☐ Ectopia lentis☐ External ophthalmoplegia
Result:	☐ Delayed speech & language development	☐ Microphthalmia
result.	Developmental regression	☐ Myopia
□ M*	☐ Fine motor delay ☐ Gross motor delay	☐ Nystagmus ☐ Optic atrophy
☐ Microarray:	☐ Speech delay	Ptosis
	Gait disturbance	Retinal detachment
Other:	☐ Global developmental delay ☐ Hyperactivity	☐ Retinitis pigmentosa☐ Strabismus
Result:	☐ Incoordination	Other:
	☐ Intellectual disability ☐ Mild ☐ Profound	
Pre/Perinatal History	☐ Moderate ☐ Severe	Hearing Impairment
☐ Cystic hygroma ☐ Increased nuchal translucency	Learning disability	Abnormal Newborn Screen:
☐ Intrauterine growth retardation	☐ Memory impairment ☐ Obsessive-compulsive disorder	Conductive hearing impairment
☐ Nonimmune hydrops fetalis	☐ Sleep disturbance	Sensorineural hearing impairment
☐ Oligohydramnios ☐ Polyhydramnios	Stereotypy	
☐ Prematurity GA:		Haematological or Immunologic
Other:	Neurological	Anemia
	☐ Ataxia	Coagulation disorder Immunodeficiency
Growth:	☐ Chorea ☐ Cortical Visual Impairment	☐ Neutropenia
☐ Growth delay	Dementia	☐ Pancytopenia☐ Recurrent infections
Overgrowth Failure to thrive	☐ Dysarthria	☐ Thrombocytopenia
☐ Hemihypertrophy	☐ Dyskinesia☐ Dysphasia	Other:
☐ Short stature	☐ Dystonia	
☐ Tall stature	☐ Encephalopathy	Integumental
	☐ Headaches☐ Hemiplegia	Skin
Structural Brain Abnormalities	☐ Infantile Spasms	Abnormal blistering of the skin
☐ Abnormal myelination ☐ Abnormality of basal ganglia	☐ Migraines	Anhidrosis
☐ Abnormality of basar gangila ☐ Abnormality of brainstem	Myoclonus Myopathic facies	☐ Café-Au-Lait macules☐ Cutis laxa
Abnormality of periventricular white matter	☐ Myopathy	☐ Hemangiomas
☐ Abnormality of the corpus callosum☐ Aplasia/hypoplasia of cerebellar vermis	☐ Muscle weakness ☐ Muscle dystrophy	Hyperpigmentation of the skin
☐ Aplasia/hypoplasia of cerebellum	☐ Neuropathy	☐ Hypopigmentation of the skin☐ Ichthyosis
Cerebellar atrophy		☐ Skin rash
☐ Chiari malformation☐ Cortical dysplasia	☐ Parkinsonism☐ Seizures	☐ Telangiectasia
☐ Encephalocele	Spasticity	☐ Vascular skin abnormality☐ Other:
☐ Heterotopia☐ Hemimegalencephaly	☐ Tremors	Hair
☐ Holoprosencephaly		Abnormal texture, distribution, colour, whorls
☐ Hydrocephalus	Craniofacial dysmorphic features	Specify:
☐ Leukodystrophy ☐ Lissencephaly	☐ Craniosynostosis	☐ Coarse hair
☐ Pachygyria	Specify:	☐ Sparse hair
Polymicrogyria	☐ Microcephaly	Other:
☐ Ventriculomegaly ☐ Other:	Head shape Specify:	Dental Specify:
	Facies Specify:	☐ Specify:
	☐ Ears Specify:	Nails Specify:
	☐ Eyes Specify:	
	☐ Cleft lip and/or palate	
	☐ Coarse facial features	
	☐ Short neck☐ Synophrys	
	Other:	

Proband name:		DOB:
Cardiac	CLINICAL DATA SHEET	
Aortic root dilation Arrhythmia / Conduction defect Bradycardia Prolonged QTc interval Ventricular tachycardia Prolonged QTc interval Ventricular tachycardia Prolonged QTc interval Ventricular tachycardia Cardiomyopathy Dilated Hypertrophic Noncompaction Congenital heart defect Atrial septal defect Bicuspid aortic valve Coarctation of aorta Hypoplastic left heart Patent ductus arteriosis Patent foramen ovale Tetralogy of Fallot Ventricular septal defect Heterotaxy Mitral valve prolapse Sudden death Syncope Other: Endocrine Early puberty Diabetes Insipidus Diabetes mellitus Hyperparathyroidism Hypopharathyroidism Hypopharathyroidism Hypophosphatemia Rickets Other: Gastrointestinal Chronic intestinal pseudo-obstruction Duodenal stenosis/atresia Diaphragmatic hernia Elevated transaminases Exocrine pancreatic insufficiency Feeding difficulties Gastroesophageal reflux Hepatic failure Hirschsprung disease Inflammatory bowel disease Inflammatory bowel disease Inflammatory bowel disease Intrahepatic biliary atresia Laryngomalacia Omphalocele Pyloric stenosis Splenomegaly Tracheoesohageal fistula Other:	Ambiguous genitalia Cryptorchidism (undescended testes) Cystic renal dysplasia Horseshoe kidney Hydronephrosis Hypospadias Inguinal hernia Infertility Micropenis Nephrolithiasis Polycystic kidney disease Renal agenesis or dysgenesis Renal tubulopathy Other:	Tumour / Malignancy Type: Location: Age of onset: Vascular System Angioedema Aneurysm Arterial calcification Arterial tortuosity Arterial tortuosity Arteriovenous malformation Bruising susceptibility Epistaxis Lymphedema Pulmonary hypertension Stroke Metabolic Abnormal activity of mitochondrial respiratory chain Abnormal Newborn Screen: Elevated CPK Elevated CPK Elevated CPK Elevated hepatic transaminase Hypoglycemia Hyperglycemia Increased serum pyruvate Ketosis Lactic acidosis Rhabdomyolysis Plasma AA: Urine OA: Other: Other investigations (Please provide copy or report if possible) Echo: EEG: EMG: MRI: Muscle biopsy: Ultrasound: X-ray: Additional clinical findings:
Please draw or attach pedigree		
☐ Consanguinity		
Paguicition	and samples must be accompanied by addit	ional clinical notes

Proband name:	MRN:	DOB:
PATIENT SUMMARY (all sections must be completed) Phenotypic category Syndromic developmental delay (DD) or intellectual disability (ID) Moderate-severe isolated DD or ID Single system disorder without DD or ID Multisystem disorder without DD or ID Multiple congenital anomalies without DD or ID	Ethnicity (all applicable) Black, African-American, African East Asian South Asian White Indigenous French-Canadian Middle Eastern, North African Latino, Hispanic, Spanish Unknown Other:	Previous test history (all applicable) No previous genetic testing Chromosome microarray Single gene test Gene panel (<100 genes) Gene panel (≥100 genes) Targeted testing (e.g. Prader-Willi) Unknown
ATTE	STATION	
Attestation (must meet all items): YES NO I confirm that all the following conditions have been met: Detailed phenotypic characterization (physical examination, in Pretest genetic counselling and consent has been completed Chromosomal microarray or other previous genomic testing here. Other causative circumstances (e.g. environmental exposure based on the most complete clinical history	as been completed and does NOT exp	
YES NO Confirm that the patient does NOT have: Isolated mild intellectual disability or learning disabilities Isolated neurobehavioural disabilities (e.g. attention deficit disorder) A phenotype highly specific to a known genetic condition for which an optimized genetic panel exists, or for which all known gene-disease associations could be assessed. If so, then the targeted gene panel should be given priority assuming it is more sensitive (e.g. Noonan spectrum disorders) YES NO I confirm that I: Practice in the area of genetics (as a geneticist/genetics consultant or in a clinic where a genetic counsellor has been integral to the care of the patient) Have expertise in performing a clinical genetics evaluation including family history, genetic-focused medical history and physical examination, and have a critical understanding of the prior genetic evaluations undertaken in the patient Have expertise in determining whether clinical RNA sequencing is the test of choice for the specific clinical indication, prioritizing other available tests as appropriate Have expertise in providing adequate pre-test counselling, including informed consent for primary and incidental findings Have the ability to interpret the results of the clinical RNA sequencing and provide adequate post-test counselling		
PROVIDER ATTESTATION By signing here I attest that the above the information is an accurate and co	mprehensive summary of this patient's	s clinical history.
Ordering physician signature:	Date:	



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Date of Birth (DD)	/MM/YYYY):	
Gender: Male	e	MRN:

Genome Diagnostics

BILLING FORM

The hospital, referring laboratory, or a patient/guardian will be billed for the services rendered.

- · Invoices are sent upon completion of each test/service.
- Contact SickKids' Genome Diagnostics Laboratory at 416-813-7200 x1 with billing inquiries.

How to complete the Billing Form:

- · Referring Physician completes the appropriate section below to specify billing method.
- Send requisition and completed "Billing Form" with specimen.

ocha requisition and compl		
Option 1: Complete to have the	Healthcare Provider billed:	Option 2: Interm Federal Health Program (IFHP)
Your Referring Laboratory's Reference	e #:	Submit a copy of the Interim Federal Health Certificate (Refugee
Billing address of hospital, referring lat	boratory:	Protection Claimant Document) with the photo and UCI# visible for
Name:		coverage to be confirmed.
Address:		
	Prov/State:	-
Postal/Zip Code:	Country:	ICD code (lab use only):
Contact Name:		
Contact Telephone #:		
Option 3: Complete to have Pati	ent/Guardian billed directly:	
 Provide us with patien Unfortunately, we can In this case, the patien 	tient/guardian to expect a bill from nt's valid credit card information. nnot accept personal checks. tient/guardian is solely responsion Patient	
Relation to patient (check one):	-	
Method of Payment (check one):	☐ American Express	☐ MasterCard ☐ Visa
Name as it appears on credit card:		
Credit card # :		
Expiry date on credit card:		
CVS#- found on back of card (Require	ed):	
Mailing Address of Patient/Guardian	n (if different from requisition):	Additional Contact Information
Name:		Patient's phone # with area code:
Address:		
	Apt. #:	- or -
City:	_ Prov/State:	Guardian's phone # with area code:
Postal/Zip Code:	Country:	_