



Screening for health risks now and for the future

The Era of Precision Healthcare

With the role of genetics in healthcare changing profoundly, the era of genomic medicine is here. Delivering clinically actionable information, this evidence-based approach has revolutionized healthcare. With the advancement in technology, sequencing an individual's genome is now affordable and results are provided faster, allowing better advice, sooner.

Clinical Reports

CLINICAL REPORT NAME
Clinical Exome
Health & Disease Screening (316 genes)
Hereditary Cancer (113 genes)
Comprehensive Cardio Panel (175 genes)
Immunodeficiency (50 genes)
Parkinson, Alzheimer, Dementia (47 genes)
Multi-Category (17 genes)
Psychotropic (8 genes)

Clinical Report Example

myDNA

Proband, test
Referring Clinician:

D.O.B.
Lab Ref: test

Hereditary Cancer Gene Panel

For Proband, test Male

Case ID	Family ID	Specimen type:	Collected:	Received:	Reported:
200002466	11343	Blood/FASTQ		Sep 30, 2022	Dec 27, 2022

CLINICAL SUMMARY

Mock Report

RESULT SUMMARY [SEQUENCING AND DELETION/DUPLICATION CNV ANALYSES]

SIGNIFICANCE OF THE FINDINGS	GENE	VARIANT COUNT
High Impact	BRCA2	1 (P)
Possibly High Impact	--	--

Unlock medical conditions and screen for medical risks faster.

Comprehensive genetic profiles can now be unlocked using the latest Next Generation Sequencing technology. It identifies variances in DNA and screens for a predisposition toward medical issues, the cause of medical conditions and can identify a health risk. It's both a fast and reliable way to diagnose conditions by unlocking the entire protein-coding regions of the genome.

What is the genome?

The genome is the entire DNA content that is present within one cell and is approximately 6 billion letters long, repeating sequences A,G,T, C. They teach all your cells how to operate with the genetic code, acting like an instruction manual for how the body functions.

As knowledge continues to evolve in genetics, Whole Exome Sequencing (WES) and Whole Genome Sequencing (WGS) are being introduced to practitioners to identify a patient's genetic code for better care or to identify more precise treatment.

myDNA Clinical Reporting

The myDNA report is easy to understand and interpret. Doctors are presented with a summary of genetic findings related to disease risk. This allows doctors to provide preventative treatment and Care Management Plans specifically for each patient.



Leaders in **genetic data** analysis and reporting



World class, **easy to** understand reporting



Experienced **Clinical Team**



Gene by Gene Laboratory Services

We are a leading state of the art laboratory, based in Houston, USA. With over 20 years of experience analyzing genetic data and providing comprehensive, easy to understand reports, we have genetic testing requirements covered.

Our advancements in technology are providing high quality, accurate Next Generation Sequencing (NGS) testing and reporting. Our highly qualified team of experts use the most up to date research to identify genetic disorders and risks. We use highly advanced, cutting-edge genomic infrastructure to process and translate genomic data to analyze and curate accurate insights into actionable reports.



Rapid turnaround time
to meet your clinical needs



State of the art **infrastructure**
offering **competitive pricing**



Stringent **quality control** to
ensure highest quality test results

myDNA Reports

Cardiovascular Diseases

Aortic, aneurysm, familial thoracic
Arrhythmogenic right ventricular cardiomyopathy Brugada syndrome
Catecholaminergic polymorphic ventricular tachycardia
Dilated cardiomyopathy
Ehlers-Danlos syndrome, type 4
Fabry's disease
Familial hypercholesterolemia
Familial hypertrophic cardiomyopathy
Left ventricular noncompaction
Loeys-Dietz syndrome
Long QT syndrome
Marfan's syndrome

Eye/Hearing

Eye disorder, hereditary, adult onset
Hearing loss, hereditary, adult onset

Diabetes, Obesity, Metabolic

Diabetes
Malignant hyperthermia
Obesity
Ornithine carbamoyltransferase deficiency
Wilson disease

Hereditary Cancers

Adenomatous Polyposis Coli
Birt Hogg Dube syndrome
Breast Cancer
Colorectal Cancer
Endometrial Cancer
Gastric Cancer
Gastrontestinal Stromal Tumor - GIST
Hemangi oblastomas
Juvenile Polyposis syndrome
Li-Fraumeni syndrome
Lynch syndrome
Melanoma
Multiple endocrine neoplasia
Neurofibromas
Ovarian Cancer
Pancreatic Cancer
Parangliomas
Peutz-Jeghers syndrome
Pheochromocytomas
Prostate Cancer
PTEN hamartoma tumor syndrome
Renal Cancer
Retinoblastoma
Thyroid Cancer
Tuberous sclerosis
Von Hippel-Lindau syndrome

Pharmacogenomics

Psychotropic Test | Over 40 medications
Multiple Category Test | Approx. 150 medications

Accreditation



CLIA (45D1102202)



COLA (34243)



CAP (7212851)

Please contact us:



Clinical Reporting



Laboratory Services