HOW TO ORDER CoGENESIS®NEURO TEST FOR PATIENTS?

STEP 1

Order the kit on the Codex Genetics website or contact our customer service.

STEP 2

Once the order is confirmed, we will ship the saliva collection kit with instruction detail to you within 2 working days.

STEP 3

Register the saliva collection tube barcode online and collect saliva by following the simple instructions manual.

STEP 4

Mail your kit back to us for genetic screening. Client's DNA information will be analyzed by our CoGENESIS® Bioinformatics pipeline tailored for different ethnicities.

* **Next-generation sequencing analysis of the captured DNA will be performed.**

STEP 5

You will receive your results on Codex Genetics webpage in approximately 2 months.

ABOUT CODEX GENETICS

Founded in 2013, with the prime focus on managing diseases, Codex Genetics aims to enable holistic, clinically-actionable disease management solutions to patients suffering from neurological disorders or cancers, through AI-powered analytics on both genetic and clinical data. With our proven track-record, Codex Genetics is confident in realizing and marketing our latest personalized disease management solution to the public, specifically in Hong Kong and China.

PRIVACY AND DATA USAGE STATEMENT

Codex's platform follows the Health Insurance Portability and Accountability Act (HIPAA) guidelines, including the security provisions to protect the privacy of protected health information, such as diagnosis data, clinical data, and lab results. All your data are carefully monitored and not accessible to anyone except those who have a verified business. Data are encrypted while in storage and during transfer on any network. For more information, please visit:

www.codexgenetics.com/privacy-policy.html

DISCLAIMER

The test was not designed for providing diagnosis on its own but to aid clinical diagnosis and can only be ordered upon doctors' referral. The report is for research use only and should not be interpreted as specific professional medical advice. Please present the genetic sequencing results and consult qualified healthcare professionals before making decisions about medical conditions or before starting and stopping any prescribed treatment. The report is based solely on the genetic testing and other provided information and does not take all factors of the individual's care into account.

Codex 科德施 GENETICS

CoGENESIS® NEURO

In Hong Kong, 1 in 74 people is a rare disease patient, with 20,000 new cases per year.

CoGENESIS® GENETIC SCREENING TECHNOLOGY

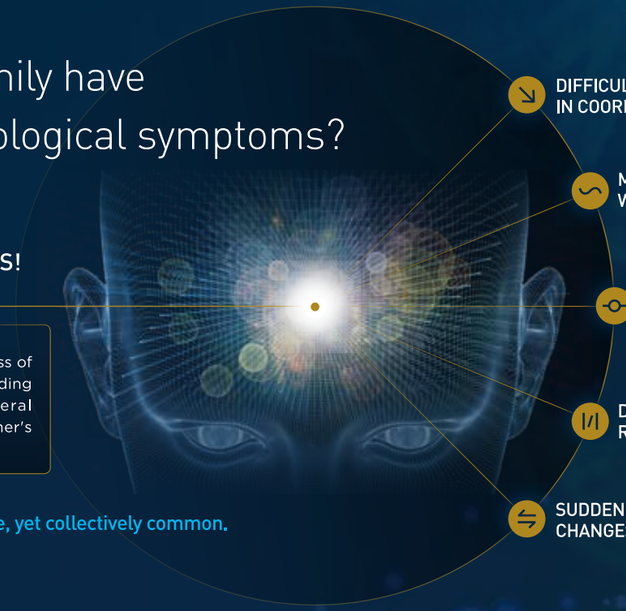
The average diagnostic time can be shortened from 10 years to 2 months

ADDRESS | Unit 220, 16W, Hong Kong Science Park, Shatin, Hong Kong

@E-MAIL | info@codexgenetics.com

WEBSITE | www.codexgenetics.com

Do you or your family have unexplained neurological symptoms?



- DIFFICULTIES IN COORDINATION
- MUSCLE WEAKNESS
- DEMENTIA
- DEVELOPMENTAL REGRESSION
- SUDDEN BEHAVIORAL CHANGES

THESE COULD BE EARLY SYMPTOMS OF RARE DISEASES!

Neurodegeneration

Neurodegeneration is the progressive loss of structure or function of neurons, including death of neurons. amyotrophic lateral sclerosis, Parkinson's disease, Alzheimer's disease, and Huntington's disease.

Rare disease is individually rare, yet collectively common.

WHY CHOOSE CODEX GENETICS?

Codex Genetics has a long–term strategic partnership with The Chinese University of Hong Kong, The Hong Kong Polytechnic University and different hospitals in providing academic research, bioinformatics infrastructure and commercial genetic testing services. Specifically, Codex Genetics has partnered with the Division of Neurology of Prince of Wales Hospital and conducted research on patients with neurological disorders through the application of CoGENESIS ™ Neuro. The clinical results are highly successful and published on peer–reviewed journal – Frontiers in Neuroscience* in Dec 2019.

* Yu, A. C. S., Yim, A. K. Y., ... & Chan, T. (2019). A targeted gene panel that covers coding, noncoding and short tandem repeat regions improves the diagnosis of patients with neurodegenerative diseases. Frontiers in Neuroscience, 13, 1324.

- REINFORCING CLINICAL DIAGNOSIS
- DELIVERING EARLY AND ACCURATE DIAGNOSIS
- PLANNING FOR APPROPRIATE
- FAMILY AND LIFE PLANNING

WHAT IS CoGENESIS® NEURO

Diagnosing neurodegenerative disorders are both technically challenging and time demanding. CoGENESIS® Neuro is designed specifically to tackle the technical barrier and accelerate the diagnostic process by screening 462 neuro-related that are associated with 199 neurodegenerative diseases. This allows a highly accurate genetic profiling with a fast turnover time of 2 months.

WHO SHOULD CONSIDER CoGENESIS® NEURO TEST?

Person with family history of neuro-diseases

Patients with developmental delay, seizures, muscle weakness or gait abnormalities

Worsening of physical conditions despite conventional care

Confirming neurological syndromic diseases with cause

WHAT DISEASES ARE INCLUDED IN THE TEST?

AN EXCERPT OF DISEASES IS PROVIDED BELOW:

The sensitivity and specificity of detecting single nucleotide variations is >99.9%. Meanwhile, for small insertions and deletions that are less than 10 base pairs, the sensitivity and specificity is >98%.

Large Insertions, Deletions, Copy Number Variations, and Gene Rearrangements may not be reliably detected by the platform.

Due to technical limitations, not all nucleotide repeat expansion can be detected by CoGENESIS® Neuro.

- Adrenoleukodystrophy, X-Linked
- Aicardi-Goutières Syndrome
- Alexander Disease
- Amyotrophic Lateral Sclerosis 6 Subtypes
- Charcot-Marie-Tooth Neuropathy 19 Subtypes
- Epilepsy 8 Subtypes
- Friedreich Ataxia
- Gaucher Disease
- Holoprosencephaly 10 Subtypes
- Joubert Syndrome
- Klippel-Feil Syndrome
- Krabbe Disease
- Kufor-Rakeb Syndrome
- Leukodystrophy
- Leigh Syndrome
- Microcephaly 8 Subtypes
- Niemann-Pick Disease
- Spastic Ataxia Charlevoix-Saguenay Type
- Spastic Paraplegia 49 Subtypes
- Spastic Quadriplegia
- Spinocerebellar Ataxia 39 Subtypes
- Spinal Muscular Atrophy 2 Subtypes
- Tourette Syndrome
- Williams Syndrome
- Wilson Disease
- Becker Muscular Dystrophy