



**Genetic Hereditary &
Oncology
Service
Catalogue 2022**

Your Most Trusted Health Partner for Life

Laboratory Services We Offer:

- Postnatal Screening Panel
- Genetic -Hereditary Health Predisposition Panels
- Cancer Susceptibility Genetic Test Panel
- Chronic Disease Susceptibility Genetic Test Panel
- Skin and Hair Care Genetic Test Panel
- Hearing Impairment Genetic Test Panel
- Alpha Beta Thalassemia Panel
- Lung & Lung Fusion Cancer Panel Assay
- Lung Cancer Panel Assay
- Lung Fusion Cancer Panel Assay
- Colon Cancer Panel Assay



NEOGENIX LABORATOIRE DIRECTORY OF SERVICES

INTRODUCTION

- a. The quality of laboratory results is affected very much by the proper collection, handling and transport of specimens. The following should be adhered to:
- b. Use appropriate specimen containers / culture media to ensure optimal recovery of microorganisms.
- c. Specimens must be accompanied by a request form.
- d. Specimen request forms should have details of patient’s recent antimicrobial therapy and brief clinical history.
- e. Specimen must be rejected according to the Appendix 1 (Criteria for rejection of specimens) and inform the hospitals’ Laboratory Manager / Assistant Laboratory Manager / doctors/person in charge for sample retake.

OPERATION HOURS

The Microbiology Laboratory receives specimens during the following hours:

Monday – Saturday : 08.45 am – 05.45 pm
 Sunday : 10.00 am – 12.30 pm

TELEPHONE NUMBERS FOR INQUIRIES:

Office	03-7621 2154
Sales Director	Telephone No.
Mr. Vin Loh Sheng Wei	016-412 8947
Business Development Executive	Telephone No.
Ms. Poovi Balakrishnan	010-293 3442
Marketing Executive	Telephone No.
Mr. Mohd Arif Irfan Bin Mat Zaini	011-1092 8901
Molecular Sales and Marketing Executive	Telephone No.
Mr. Daniel Chung Yiau En	010-955 2338
Medical Laboratory Sales Executive	Telephone No.
Ms. Nur Farhana Binti Norizan	013-588 4788
Molecular Sales and Marketing Executive	Telephone No.
Ms. Revonne Yong Wan Rou	011-2434 0988

For urgent after office hour specimens, Sales Director is contactable by the telephone number stated above.

Notes:

Laboratory turnaround time: from the date sample is received at Neogenix Laboratoire Sdn Bhd (1191967-W) to date of release of results

List of tests we offer:

Tests	Description	Specimen Requirements	Lab Turnaround Time (working day)	Price (RM)
Postnatal Screening Panel				
<p>Postnatal Screening Panel</p> <p>➤ At least 34 syndromes</p> <p>➤ target on disease-associated regions linked to developmental delay, intellectual disability, neuropsychiatric disorders, congenital anomalies or dysmorphic features.</p>	<ul style="list-style-type: none"> • 10q26 Deletion Syndrome • 13q Deletion Syndrome • 15q11.2 Deletion Syndrome • 15q13.3 Microdeletion Syndrome • 15q25 Deletion Syndrome • 16p11.2 Microdeletion • 16p11.2 Microduplication • 16p12.1 Deletion Syndrome • 16p13.11 Microdeletion • 16p13.11 Microduplication neurocognitive disorder susceptibility locus • 1q21.1 Deletion Syndrome • 1q21.1 Duplication Syndrome • 22q11.2 Duplication Syndrome • 2q37 Deletion Syndrome • 3q29 Deletion Syndrome • 7q11.23 Duplication Syndrome • 8p23.1 Microdeletion/CDH syndrome • 8p23.1 Microduplication • Angelman/Prader-Willi Syndrome • Charcot-Marie-Tooth Neuropathy, Type 1a • DiGeorge Syndrome • Distal 22q11.2 Deletion Syndrome • Downs Syndrome/Trisomy 21 • Ichthyosis, X-Linked/ STS Deficiency • Isodicentric Chromosome 15 Syndrome • Jacobsen/ 11q Deletion • Klinefelter Syndrome • Mental Retardation-Hypotonic Facies Syndrome, X-Linked/ Smith-Fineman-Myers • Neuropathy, Hereditary, With Liability to Pressure Palsies; HNPP • Sotos Syndrome-1/ 5q35 Deletion Syndrome • Triple X Syndrome • Trisomy 9 mosaicism • Turner Syndrome • Williams-Beuren Syndrome • Xq26.3 Duplication Syndrome 	<ul style="list-style-type: none"> • 2 x 3mL EDTA blood <p>Out of Malaysia:</p> <ul style="list-style-type: none"> • 1 x Protein Saver Card with 5 Dried blood spots • Saliva 	-	Under Development



List of tests we offer:

Tests	Description	Specimen Requirements	Lab Turnaround Time (working day)
Genetic Panels			
Hereditary Health Predisposition Panels			
Cancer Susceptibility Genetic Test Panel ➤ Male: 7 cancer types ➤ Female: 9 cancer types	<ul style="list-style-type: none"> Male: Lung, Gastric, Liver, Colorectal, Thyroid, Pancreatic, Prostate Female: Lung, Gastric, Liver, Colorectal, Thyroid, Pancreatic, Breast, Ovarian, Cervical 	<ul style="list-style-type: none"> 1 x 3mL EDTA blood <p>Out of Malaysia:</p> <ul style="list-style-type: none"> 1 x Protein Saver Card with 5 Dried blood spots 	14 days
Chronic Disease Susceptibility Genetic Test Panel ➤ 4 types of diseases	<ul style="list-style-type: none"> Alzheimer's disease Parkinson disease Myocardial Stroke 	<ul style="list-style-type: none"> 1 x 3mL EDTA blood <p>Out of Malaysia:</p> <ul style="list-style-type: none"> 1 x Protein Saver Card with 5 Dried blood spots 	14 days
Skin and Hair Care Genetic Test Panel	<ul style="list-style-type: none"> Skin aging Skin pigmentation Vitamin C level Hair loss Hair thickness 	<ul style="list-style-type: none"> 1 x 3mL EDTA blood <p>Out of Malaysia:</p> <ul style="list-style-type: none"> 1 x Protein Saver Card with 5 Dried blood spots 	14 days
Hearing Impairment Genetic Test Panel (Newborn)	<ul style="list-style-type: none"> GJB2 GJB3 SLC26A4 MTRNR1/12S rRNA GJB6 POU3F4 COCH/LOC100506071 TMIE KCNQ4 	<ul style="list-style-type: none"> 1 x 3mL EDTA blood <p>Or</p> <p>Out of Malaysia:</p> <ul style="list-style-type: none"> 1 x Protein Saver Card with 5 Dried blood spots 	10 days
Alpha Beta Thalassemia Panel		<ul style="list-style-type: none"> 1 x 3mL EDTA blood 	- Under Development



List of tests we offer:

Tests	Description	Specimen Requirements	Lab Turnaround Time (working day)
Oncology Panels			
Lung Cancer Panels			
MAHS Lung & Lung Cancer Fusion Panel Assay <ul style="list-style-type: none"> ➤ 70 mutations + 3 fusion genes ➤ Mutation genes: BRAF, EGFR, ERBB2, KRAS, PIK3CA ➤ Fusion genes: ALK, RET, ROS1 	Mutations: i) BRAF G469A/V, D594G, V600E ii) EGFR E709A/G/K/V, G719A/C/D/S, S768I/N/T, D770N, T790M, C797S, L858R, L861QR, exon 19 insertion/deletion, exon 20 insertion iii) ERBB2 Exon 20 insertions iv) KRAS G12A/C/D/R/S/V, G13V/C/D, Q61E/H/K/L/P/R v) PIK3CA E542K, E545K, H1047L, H1047R Fusion genes: i) ALK ii) RET iii) ROS1	<ul style="list-style-type: none"> • FFPE tissue section in the tube • 2 X 10 µm, at least > 40% tumor cell percentage of FFPE section: If below standards • macro-dissection needed 	10-14 days
MAHS Lung Cancer Panel Assay <ul style="list-style-type: none"> ➤ 70 mutations ➤ Mutation genes: BRAF, EGFR, ERBB2, KRAS, PIK3CA 	i) BRAF G469A/V, D594G, V600E ii) EGFR E709A/G/K/V, G719A/C/D/S, S768I/N/T, D770N, T790M, C797S, L858R, L861QR, exon 19insertion/deletion, exon 20 insertion iii) ERBB2 Exon 20 insertions iv) KRAS G12A/C/D/R/S/V, G13V/C/D, Q61E/H/K/L/P/R v) PIK3CA E542K, E545K, H1047L, H1047R	<ul style="list-style-type: none"> • FFPE tissue section in the tube • 2 X 5 µm, at least > 20% tumor cell percentage of FFPE section: If below standards • macro-dissection needed 	10-14 days
MAHS Lung Fusion Cancer Panel Assay <ul style="list-style-type: none"> ➤ 3 fusion genes ➤ Fusion genes: ALK, RET, ROS1 	i)ALK ii)RET iii) ROS	<ul style="list-style-type: none"> • FFPE tissue section in the tube • 2 X 10 µm, at least > 40% tumor cell percentage of FFPE section: If below standards • macro-dissection needed 	10-14 days



List of tests we offer:

Tests	Mutations	Specimen Requirements	Lab Turnaround Time (working day)
Oncology Panels			
Colorectal Cancer Panel			
MAHS Colon Cancer Panel Assay > 86 mutations > BRAF, EGFR, KRAS, NRAS, PIK3CA	i) BRAF G469E, D594G, V600E ii) EGFR S492R iii) KRAS G12A/C/D/E/F/I/L/R/S/V/W/Y, G13A/C/D/E/F/R/S/V, A59E/G/S/T, Q61E/H/K/L/P/R, K117N/R, A146G/P/T/V iv) NRAS G12A/C/D/R/S/V, G13A/C/D/R/S/V, A59G/T, Q61E/H/K/L/P/R, K117E/N/R, A146G/P/S/T/V v) PIK3CA E542K, E545K, H1047L, H1047R	<ul style="list-style-type: none"> FFPE tissue section in Tube 2 X 5 µm, at least > 20% tumor cell percentage of FFPE section: If below standards - > macro-Dissection Needed	10-14 days



Appendix 1 (Criteria for rejection of specimens)

1. Incomplete Laboratory Test Service Request Form
 - Absence of clinician's name / signature
 - Absence of date / time of sampling
 - Unclear patient data
2. Mismatch patient details on specimen and request form
3. Unclear test requested
4. Insufficient specimen
5. Wrong specimen type
6. Leaking specimen
7. Clotted specimen
8. Lysed specimen
9. Delayed sample
10. Wrong specimen storage condition
11. Improper transport condition for specimen
12. No sample received
13. Test not offered
14. Broken tube



Neogenix[®] Laboratoire

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Kelana Jaya, 47301 Petaling Jaya,
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G-G-22A & G-G-26, Ground Floor, Block G,
Lor Inanam Kapital 5, Inanam Capital,
88450 Kota Kinabalu, Sabah

Neogenix Laboratoire Sdn Bhd(Johor)

12-2 Jalan Permas 10/6, Bandar Baru
Permas Jaya, 81750 Masai, Johor

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Test Sample Collection?

Call our expertise

03-7621 2154

-Office

016-412 8947

-Mr Vin

010-293 3442

-Ms Poovi

011-1092 8901

-Mr Arif

010-955 2338

-Mr Daniel

013-588 4788

-Ms Farhana

011-2434 0988

-Ms Revonne

