



Molecular Diagnostic Service Catalogue 2022

Your Most Trusted Health Partner for Life

Diagnostic Services We Offer:

- Immunosuppression Panels
- Testing for Bloodborne Infectious Diseases
- Testing for Tuberculosis (TB)
- Mycology Testing
- PCR Identification of Rare Bacteria
- Sexually Transmitted Diseases Panels
- Women Health Screenings
- Gastrointestinal Panels
- Respiratory Panels
- Meningitis/ Encephalitis Panel
- Sepsis Panel
- Therapeutic Drug Monitoring Panel
- Food Intolerance Panel

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 for sample/ 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

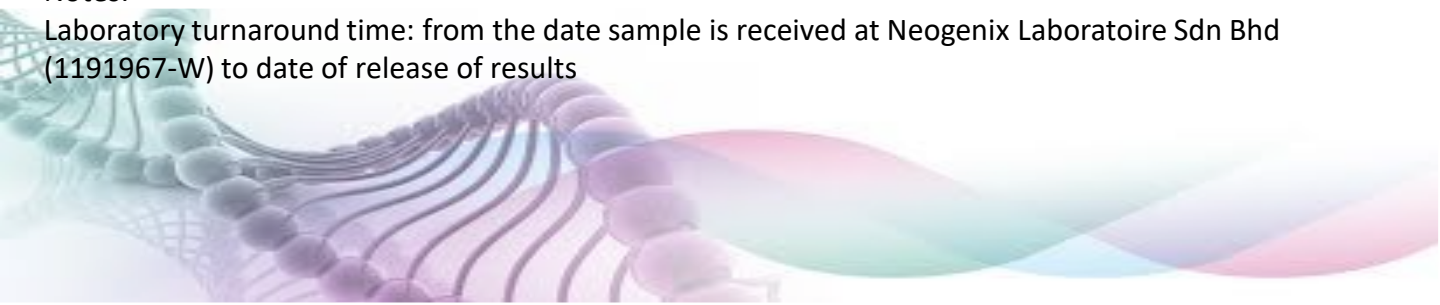
TELEPHONE NUMBERS FOR INQUIRIES:

Office	:03-76212154
Sales Director Mr. Vin Loh Sheng Wei	Telephone No. 016-4128947
Business Development Executive Ms. Poovi Balakrishnan	Telephone No. 010-2933442
Marketing Executive Mr. Mohd Arif Irfan Bin Mat Zaini	Telephone No. 011-10928901
Molecular Sales and Marketing Executive Mr. Daniel Chung Yiau En	Telephone No. 010-9552338
Medical Laboratory Sales Executive Ms. Nur Farhana Binti Norizan	Telephone No. 013-5884788
Molecular Sales and Marketing Executive Ms. Revonne Yong Wan Rou	Telephone No. 011-24340988

For urgent after office hour specimens, Sales director or Molecular Sales & Marketing Executive are 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 diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)
Immunosuppression Panels		
BKV and CMV Combo Viral Load Viral load testing for BK virus (BKV) and Cytomegalovirus (CMV)	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 2 ml EDTA plasma 	3 days
CMV Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 2 ml EDTA plasma 	3 days
BKV Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 2 ml EDTA plasma • 3 to 5 ml urine 	3 days
Epstein-Barr Virus (EBV) Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 2 ml EDTA plasma 	3 days
Adenovirus Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 2 ml EDTA plasma 	3 days
Quantiferon Monitor Assay <ul style="list-style-type: none"> ➤ Assesses cell-mediated immune response ➤ Provides non-pathogen specific immune monitoring ➤ Complements pathogen specific monitoring ➤ Aids in clinical management of solid organ transplant patients 	<ul style="list-style-type: none"> • 3 ml heparinized blood <p>*Do not refrigerate/freeze sample * Sample not more than 12 hours</p>	5 days
Quantiferon CMV Assay <ul style="list-style-type: none"> ➤ Predicting the risk of new and recurrent CMV ➤ Guiding therapeutic decision-making 	<ul style="list-style-type: none"> • 2x3 ml heparinized blood <p>*Do not refrigerate/freeze sample * Sample not more than 12 hours</p>	5 days
Transplant Package 1 <ol style="list-style-type: none"> 1. BKV Viral Load 2. CMV Viral Load 3. Quantiferon Monitor Assay 	<ol style="list-style-type: none"> i. 2x3 ml EDTA blood, & ii. 3 ml heparinized blood 	5 days
Transplant Package 2 <ol style="list-style-type: none"> 1. BKV Viral Load 2. CMV Viral Load 3. Quantiferon CMV Assay 	<ol style="list-style-type: none"> i. 2x3 ml EDTA blood, & ii. 2x3 ml heparinized blood 	5 days
Transplant Package 3 <ol style="list-style-type: none"> 1. BKV Viral Load 2. CMV Viral Load 3. Quantiferon Monitor Assay 4. Quantiferon CMV Assay 	<ol style="list-style-type: none"> i. 2x3 ml EDTA blood, & ii. 3x3 ml heparinized blood 	5 days



List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)
Testing for Bloodborne Infectious Diseases		
Human Immunodeficiency Virus (HIV) Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 3 ml EDTA plasma 	5 days
CD4 Count and Haemoglobin Concentration Assay <ul style="list-style-type: none"> ➤ Direct enumeration of CD4 absolute count and percentage ➤ Used in evaluation of immune status of individual diagnosed with, or suspected of developing immune deficiencies (eg: HIV) 	<ul style="list-style-type: none"> • 3 ml EDTA blood 	2 days
Hepatitis C Virus (HCV) Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 3 ml EDTA plasma 	5 days
Hepatitis B Virus (HBV) Viral Load	<ul style="list-style-type: none"> • 2x3 ml EDTA blood • 2 ml EDTA plasma 	4 days
Testing for Tuberculosis (TB)		
<i>Mycobacterium tuberculosis</i> (TB PCR) <ul style="list-style-type: none"> ➤ Detection of <i>Mycobacterium tuberculosis</i> (MTB) and non-tuberculosis mycobacteria (NTM) from symptomatic individual 	<ul style="list-style-type: none"> • 5 ml sputum/induced sputum • 5 ml broncho-alveolar lavage (BAL) • 5 ml tracheal wash • 3-5 ml blood in heparin tube • 10 ml urine • 0.5-1 ml lymph node aspirate • 1-2 ml cerebrospinal fluid (CSF) • 0.5-1 ml bone marrow • 5 ml pus from abscess • 5 ml synovial fluid (from joint) • 5 ml pleural fluid • Min 2 cm fresh tissue/ biopsy (synovial biopsy, endometrial biopsy, tissue biopsy/scrapings) 	3 days
T-spot TB <ul style="list-style-type: none"> ➤ Indirect test for <i>M. tuberculosis</i> infection in symptomatic (active TB) and asymptomatic (latent TB) individual 	<ul style="list-style-type: none"> • Adults and children 10 years old and over: 6 ml heparinized blood • Children 2-9 years old: one 4 ml heparinized blood • Children below 2 years old: 2 ml heparinized blood <p>*Do not refrigerate/freeze sample * Sample not more than 30 hours</p>	1 day *Remarks Sample only accepted from Monday-Friday
Quantiferon TB Gold Plus	<ul style="list-style-type: none"> • 6 ml heparinized blood 	3 days



List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)
Mycology Testing		
<i>Aspergillus</i> Galactomannan Assay ➤ Quantitative detection of <i>Aspergillus</i> Galactomannan antigen	<ul style="list-style-type: none"> • 3 ml whole blood • 600 µl serum • 1 ml BAL 	2 days
Molecular identification of fungi (internal transcribed spacer region)	<ul style="list-style-type: none"> • Pure culture of fungi on appropriate agar 	10 days
PCR Identification of Rare Bacteria		
Molecular identification of bacteria (16S rRNA or 50S rRNA)	<ul style="list-style-type: none"> • Pure culture of bacteria on appropriate agar 	10 days

Sexually Transmitted Diseases Panels		
Sexually Transmitted Infections Panel- Basic Screening Panel (STI-2) ➤ Detection of 2 pathogens: <ul style="list-style-type: none"> ▪ <i>Chlamydia trachomatis</i> ▪ <i>Neisseria gonorrhoeae</i> 	<ul style="list-style-type: none"> • Genital swab (urethral, vaginal, rectal and cervical) • 5 ml urine • Liquid based cytology specimen (e.g. ThinPrep and SurePath) 	3 days
Sexually Transmitted Infections Panel- Essential Screening Panel (STI-7) ➤ Detection of 7 pathogens: <ul style="list-style-type: none"> ▪ <i>Chlamydia trachomatis</i> ▪ <i>Neisseria gonorrhoeae</i> ▪ <i>Trichomonas vaginalis</i> ▪ <i>Mycoplasma hominis</i> ▪ <i>Mycoplasma genitalium</i> ▪ <i>Ureaplasma urealyticum</i> ▪ <i>Ureaplasma parvum</i> 	<ul style="list-style-type: none"> • Genital swab (urethral, vaginal, rectal and cervical) • 5 ml urine • Liquid based cytology specimen (e.g. ThinPrep and SurePath) 	3 days
Sexually Transmitted Infections Panel- Genital Ulcer Screening Panel ➤ Detection of 7 pathogens: <ul style="list-style-type: none"> ▪ Herpes simplex virus 1 (HSV1) ▪ Herpes simplex virus 2 (HSV2) ▪ Varicella-zoster virus ▪ <i>Haemophilus ducreyi</i> ▪ <i>Treponema pallidum</i> ▪ <i>Lymphogranuloma venereum</i> ▪ Cytomegalovirus 	<ul style="list-style-type: none"> • Genital swab (urethral, vaginal, rectal and cervical) • 5 ml urine • Liquid based cytology specimen (e.g. ThinPrep and SurePath) 	3 days
Sexually Transmitted Infections Panel - Combo Panel (STI-14) ➤ STI-7 and Genital ulcer panel	<ul style="list-style-type: none"> • Genital swab (urethral, vaginal, rectal and cervical) • 5 ml urine • Liquid based cytology specimen (e.g. ThinPrep and SurePath) 	3 days

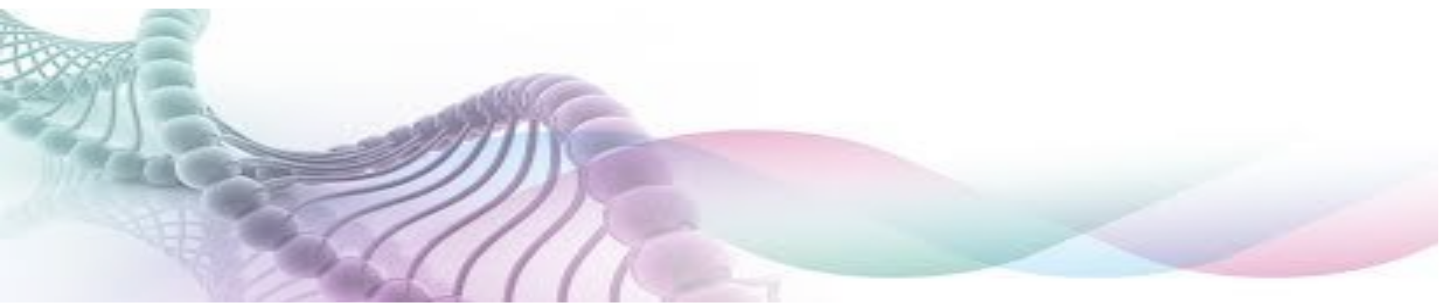
List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)																																
Sexually Transmitted Infections Panel - Premium Panel 1. STI 14 2. HPV 19 high risk genotypes: : 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 69, 73, 82 3. HPV 9 low risk genotypes: 6, 11, 40, 42, 43, 44, 54, 61, 70	<ul style="list-style-type: none"> Swab specimen (urethral, vaginal and cervical) Liquid based cytology specimen (e.g. ThinPrep and SurePath) 	3 days																																
Women Health Screening																																		
Human Papillomavirus (HPV) DNA Genotyping 1. 19 high risk genotypes: : 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 69, 73, 82 2. 9 low risk genotypes: 6, 11, 40, 42, 43, 44, 54, 61, 70	<ul style="list-style-type: none"> Cervical swab/brush specimen Liquid based cytology specimen (e.g. ThinPrep and SurePath) 	3 days																																
Gastrointestinal Panels																																		
Rapid PCR for Gastrointestinal Pathogen Panel (RPGPP) ➤ 22 pathogens	<ul style="list-style-type: none"> Stool sample 	6 hours																																
<table border="1"> <thead> <tr> <th>Bacteria</th> <th>Diarrheagenic <i>E. coli</i>/<i>Shigella</i></th> <th>Viruses</th> <th>Parasites</th> </tr> </thead> <tbody> <tr> <td><i>Campylobacter (jejuni, coli & upsaliensis)</i></td> <td><i>E. coli</i> O157</td> <td>Adenovirus F 40/41</td> <td><i>Cryptosporidium</i></td> </tr> <tr> <td><i>Clostridium difficile</i> (Toxin A/B)</td> <td>Enterohaggative <i>E. coli</i> (EAEC)</td> <td>Astrovirus</td> <td><i>Cyclospora cayetanensis</i></td> </tr> <tr> <td><i>Plesiomonas shigelloides</i></td> <td>Enteropathogenic <i>E. coli</i> (EPEC)</td> <td>Norovirus GI/GII</td> <td><i>Entamoeba histolytica</i></td> </tr> <tr> <td><i>Salmonella</i></td> <td>Enterotoxigenic <i>E. coli</i> (ETEC) <i>lt/st</i></td> <td>Rotavirus A</td> <td><i>Giardia lamblia</i></td> </tr> <tr> <td><i>Yersinia enterocolitica</i></td> <td>Shiga-like toxin-producing <i>E. coli</i> (STEC) <i>stx1/stx2</i></td> <td>Sapovirus (I,II, IV, and V)</td> <td></td> </tr> <tr> <td><i>Vibrio (parahaemolyticus & vulnificus)</i></td> <td><i>Shigella</i>/Enteroinvasive <i>E. coli</i> (EIEC)</td> <td></td> <td></td> </tr> <tr> <td><i>Vibrio cholerae</i></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Bacteria	Diarrheagenic <i>E. coli</i> / <i>Shigella</i>	Viruses	Parasites	<i>Campylobacter (jejuni, coli & upsaliensis)</i>	<i>E. coli</i> O157	Adenovirus F 40/41	<i>Cryptosporidium</i>	<i>Clostridium difficile</i> (Toxin A/B)	Enterohaggative <i>E. coli</i> (EAEC)	Astrovirus	<i>Cyclospora cayetanensis</i>	<i>Plesiomonas shigelloides</i>	Enteropathogenic <i>E. coli</i> (EPEC)	Norovirus GI/GII	<i>Entamoeba histolytica</i>	<i>Salmonella</i>	Enterotoxigenic <i>E. coli</i> (ETEC) <i>lt/st</i>	Rotavirus A	<i>Giardia lamblia</i>	<i>Yersinia enterocolitica</i>	Shiga-like toxin-producing <i>E. coli</i> (STEC) <i>stx1/stx2</i>	Sapovirus (I,II, IV, and V)		<i>Vibrio (parahaemolyticus & vulnificus)</i>	<i>Shigella</i> /Enteroinvasive <i>E. coli</i> (EIEC)			<i>Vibrio cholerae</i>					
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List of diagnostic tests we offer:

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Gastrointestinal Pathogen Panel Assay-25 (GPP-25) ➤ 25 pathogens	• Stool sample	1 day								
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Gastrointestinal Pathogen Full Panel Assay (QGP) ▪ 24 pathogens	• Stool sample	1 day								
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Bacteria	Bacteria	Viruses	Parasites							
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Gastrointestinal Pathogen Assay- Bacteria I Panel ➤ 7 pathogens	• Stool sample	1 day								
▪ <i>Campylobacter</i> spp. ▪ <i>Clostridium difficile</i> Toxin B ▪ <i>Salmonella</i> spp. ▪ <i>Yersinia enterocolitica</i> ▪ <i>Vibrio</i> spp. ▪ <i>Shigella/Enteroinvasive E. coli</i> (EIEC) ▪ <i>Aeromonas</i> spp.										



List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)
Gastrointestinal Pathogen Assay- Bacteria II Panel ➤ 6 pathogens <ul style="list-style-type: none"> ▪ <i>E. coli</i> O157 ▪ <i>Clostridium difficile</i> hypervirulent ▪ Enteroaggregative <i>E. coli</i> (EAEC) ▪ Enteropathogenic <i>E. coli</i> (EPEC) ▪ Enterotoxigenic <i>E. coli</i> (ETEC) ▪ Enterohemorrhagic <i>E. coli</i> (EHEC) 	• Stool sample	1 day
Gastrointestinal Pathogen Assay- Virus Panel ➤ 6 pathogens <ul style="list-style-type: none"> ▪ Adenovirus ▪ Astrovirus ▪ Norovirus GI ▪ Norovirus GII ▪ Rotavirus ▪ Sapovirus 	• Stool sample	1 day
Gastrointestinal Pathogen Assay- Parasite Panel ➤ 6 pathogens <ul style="list-style-type: none"> ▪ <i>Cryptosporidium</i> spp. ▪ <i>Cyclospora cayetanensis</i> ▪ <i>Entamoeba histolytica</i> ▪ <i>Giardia lamblia</i> ▪ <i>Blastocystis hominis</i> ▪ <i>Dientamoeba fragilis</i> 	• Stool sample	1 day



List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)
Respiratory Panels		
Respiratory Panel Assay (RP26) ➤ 26 pathogens	<ul style="list-style-type: none"> Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavage Sputum 	1 day
Influenza A virus (Flu A) Influenza B virus (Flu B) Respiratory syncytial virus A (RSV A) Respiratory syncytial virus B (RSV B) Flu A-H1 Flu A-H1pdm09 Flu A-H3	Adenovirus (AdV) Enterovirus (HEV) Parainfluenza virus 1 (PIV 1) Parainfluenza virus 2 (PIV 2) Parainfluenza virus 3 (PIV 3) Parainfluenza virus 4 (PIV 4) Metapneumovirus (MPV)	Bocavirus (HBoV) Rhinovirus (HRV) Coronavirus NL63 (CoV NL63) Coronavirus 229E (CoV 229E) Coronavirus OC43(CoV OC43)
<i>Mycoplasma pneumoniae</i> <i>Chlamydophila pneumoniae</i> <i>Legionella pneumophila</i> <i>Haemophilus influenzae</i> <i>Streptococcus pneumoniae</i> <i>Bordetella pertussis</i> <i>Bordetella parapertussis</i>		
Respiratory Flu Panel ➤ 7 pathogens	<ul style="list-style-type: none"> Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavage Sputum 	1 day
<ul style="list-style-type: none"> Influenza A virus (Flu A) Influenza B virus (Flu B) Respiratory syncytial virus A (RSV A) Respiratory syncytial virus B (RSV B) Flu A-H1 Flu A-H1pdm09 Flu A-H3 		
Respiratory Panel Assay- Virus Panel 2 ➤ 7 pathogens	<ul style="list-style-type: none"> Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavage Sputum 	1 day
<ul style="list-style-type: none"> Adenovirus (AdV) Enterovirus (HEV) Parainfluenza virus 1 (PIV 1) Parainfluenza virus 2 (PIV 2) Parainfluenza virus 3 (PIV 3) Parainfluenza virus 4 (PIV 4) Metapneumovirus (MPV) 		
Respiratory Panel Assay- Virus Panel 3 ➤ 5 pathogens	<ul style="list-style-type: none"> Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavage Sputum 	1 day
<ul style="list-style-type: none"> Bocavirus (HBoV) Rhinovirus (HRV) Coronavirus NL63 (CoV NL63) Coronavirus 229E (CoV 229E) Coronavirus OC43 (CoV OC43) 		
Respiratory Panel Assay-Viral Panel (RV19) ➤ 19 pathogens	<ul style="list-style-type: none"> Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavage Sputum 	1 day
Influenza A virus (Flu A) Influenza B virus (Flu B) Respiratory syncytial virus A (RSV A) Respiratory syncytial virus B (RSV B) Flu A-H1 Flu A-H1pdm09 Flu A-H3	Adenovirus (AdV) Enterovirus (HEV) Parainfluenza virus 1 (PIV 1) Parainfluenza virus 2 (PIV 2) Parainfluenza virus 3 (PIV 3) Parainfluenza virus 4 (PIV 4) Metapneumovirus (MPV)	Bocavirus (HBoV) Rhinovirus (HRV) Coronavirus NL63 (CoV NL63) Coronavirus 229E (CoV 229E) Coronavirus OC43(CoV OC43)
Respiratory Panel Assay- Bacterial Panel (RB7) ➤ 7 pathogens	<ul style="list-style-type: none"> Nasopharyngeal aspirate Nasopharyngeal swab Bronchoalveolar lavage Sputum 	1 day
<ul style="list-style-type: none"> <i>Mycoplasma pneumoniae</i> <i>Chlamydophila pneumoniae</i> <i>Legionella pneumophila</i> <i>Haemophilus influenzae</i> <i>Streptococcus pneumoniae</i> <i>Bordetella pertussis</i> <i>Bordetella parapertussis</i> 		

List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)						
Rapid PCR for Respiratory Panel (RP2.1P) ➤ 23 Pathogens	<ul style="list-style-type: none"> Nasopharyngeal swab 	6 hours						
	<table border="1"> <thead> <tr> <th>Viruses</th> <th>Viruses</th> <th>Bacteria</th> </tr> </thead> <tbody> <tr> <td> Adenovirus Coronavirus 229E Coronavirus HKU1 Coronavirus NL63 Coronavirus OC43 Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Human Rhinovirus/Enterovirus </td> <td> Human Metapneumovirus Respiratory syncytial virus Influenza A Influenza A H1 Influenza A H1-2009 Influenza A H3 Influenza B Parainfluenza 1 Parainfluenza 2 Parainfluenza 3 Parainfluenza 4 </td> <td> <i>Bordetella parapertussis</i> <i>Bordetella pertussis</i> <i>Chlamydia pneumoniae</i> <i>Mycoplasma pneumoniae</i> </td> </tr> </tbody> </table>	Viruses	Viruses	Bacteria	Adenovirus Coronavirus 229E Coronavirus HKU1 Coronavirus NL63 Coronavirus OC43 Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Human Rhinovirus/Enterovirus	Human Metapneumovirus Respiratory syncytial virus Influenza A Influenza A H1 Influenza A H1-2009 Influenza A H3 Influenza B Parainfluenza 1 Parainfluenza 2 Parainfluenza 3 Parainfluenza 4	<i>Bordetella parapertussis</i> <i>Bordetella pertussis</i> <i>Chlamydia pneumoniae</i> <i>Mycoplasma pneumoniae</i>	
Viruses	Viruses	Bacteria						
Adenovirus Coronavirus 229E Coronavirus HKU1 Coronavirus NL63 Coronavirus OC43 Severe Acute Respiratory Syndrome Coronavirus (SARS-CoV-2) Middle East Respiratory Syndrome Coronavirus (MERS-CoV) Human Rhinovirus/Enterovirus	Human Metapneumovirus Respiratory syncytial virus Influenza A Influenza A H1 Influenza A H1-2009 Influenza A H3 Influenza B Parainfluenza 1 Parainfluenza 2 Parainfluenza 3 Parainfluenza 4	<i>Bordetella parapertussis</i> <i>Bordetella pertussis</i> <i>Chlamydia pneumoniae</i> <i>Mycoplasma pneumoniae</i>						
SARS-Coronavirus-2 (COVID-19) Real-Time PCR Assay	<ul style="list-style-type: none"> Nasopharyngeal swab and Oropharyngeal swab 	1-2 days						
SARS-Coronavirus-2 (COVID-19) POCT PCR Assay	<ul style="list-style-type: none"> Nasopharyngeal swab and Oropharyngeal swab 	12 hours						
SARS-Coronavirus-2 (COVID-19) Rapid Antibody Assay (IgG & IgM) ➤ Qualitative detection of IgG and IgM	<ul style="list-style-type: none"> 1x3 ml EDTA blood 1 ml EDTA plasma 1x3 ml SST blood 1 ml Serum 	1 day						
SARS-Coronavirus-2 (COVID-19) Neutralizing Antibody Assay - Semiquantitative	<ul style="list-style-type: none"> 3 ml EDTA blood Or 3 ml whole blood 	14 days						
SARS-Coronavirus-2 (COVID-19) Binding & Neutralizing Antibody Assay - ImmuSAFE ➤ Quantitation of binding IgG to Nucleocapsid protein ➤ Quantitation of binding IgG to Spike protein ➤ Neutralising antibody	<ul style="list-style-type: none"> 3 ml EDTA blood Or 3 ml whole blood 	7 days						



List of diagnostic tests we offer:

Other Infectious Diseases Panels

Dengue, Chikungunya and Zika RT-PCR Assay

- 2x3 ml EDTA blood
- 2 ml EDTA plasma
- 3 ml urine

2 days

Rapid PCR for Meningitis/Encephalitis Panel (ME)

- 0.2-0.4 ml cerebrospinal fluid (CSF)

6 hours

➤ 14 pathogens

Bacteria

Escherichia coli K1
Haemophilus influenzae
Listeria monocytogenes
Neisseria meningitidis
Streptococcus agalactiae
Streptococcus pneumoniae

Viruses

Cytomegalovirus
 Enterovirus
 Herpes simplex virus 1
 Herpes simplex virus 2
 Human herpesvirus 6
 Human parechovirus
 Varicella zoster virus

Yeast

Cryptococcus neoformans/gattii

Rapid PCR for Blood Culture Identification Panel (BCID)

- 1 mL sample from positive blood culture (Eg: BioMerieux BACT/ALERT Blood Culture Bottles, BD Bectec Blood Culture Bottles)

6 hours

➤ 24 pathogens

Gram positive bacteria

Enterococcus
Listeria monocytogenes
Staphylococcus
Staphylococcus aureus
Streptococcus
Streptococcus agalactiae
Streptococcus pyogenes
Streptococcus pneumoniae

Gram negative bacteria

Acinetobacter baumannii
Haemophilus meningitis
Neisseria meningitides
Pseudomonas aeruginosa
Enterobacteriaceae
Enterobacter cloacae complex
Escherichia coli
Klebsiella oxytoca
Klebsiella pneumoniae
Proteus
Serratia marcescens

Yeast

Candida albicans
Candida glabrata
Candida krusei
Candida parapsilosis
Candida tropicalis

Antibiotic Resistance

mecA – methicillin resistance
 vanA/B – vancomycin resistance
 KPC – carbapenem resistance



List of diagnostic tests we offer:

Tests	Specimen Requirements	Lab Turnaround Time (working day)
Rapid HSV 1 & 2 Assay	<ul style="list-style-type: none"> • Cutaneous lesion swab • Mucocutaneous lesion swab • 0.5 ml Cerebrospinal fluid • 3 ml EDTA blood 	24 hours
Therapeutic Drug Monitoring Panels		
Infliximab Trough Level Assay	<ul style="list-style-type: none"> • 3 ml whole blood • 300 µL serum 	1 day
Adalimumab Trough Level Assay	<ul style="list-style-type: none"> • 3 ml whole blood • 300 µL serum 	1 day
Anti-Infliximab Antibody Level Assay	<ul style="list-style-type: none"> • 3 ml blood in SST • 3 ml blood in plain tube • 300 µL serum 	1 day
Anti-Adalimumab Antibody Level Assay	<ul style="list-style-type: none"> • 3 ml blood in SST • 3 ml blood in plain tube • 300 µL serum 	1 day
Infliximab Trough Level and Anti-Infliximab Antibody Combo Assay	<ul style="list-style-type: none"> • 3 ml blood in SST • 3 ml blood in plain tube • 300 µL serum 	1 day
Adalimumab Trough Level and Anti-Adalimumab Antibody Combo Assay	<ul style="list-style-type: none"> • 3 ml blood in SST • 3 ml blood in plain tube • 300 µL serum 	1 day
Food Intolerance Panels		
Food Intolerance Premium Panel ➤ Test for reactions to 222 eaten foods	<ul style="list-style-type: none"> • 3 ml EDTA blood • 3 ml whole blood • 300 µL EDTA plasma/ serum 	5 days
Food Intolerance Basic Panel ➤ Test for reactions to 59 eaten foods	<ul style="list-style-type: none"> • 3 ml EDTA blood • 3 ml whole blood • 300 µL EDTA plasma/ serum 	5 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



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Test Sample Collection?

Call our expertise

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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

