

LAB BARCODE



**LABLINK**  
MEDICAL LABORATORY

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**MOLECULAR DIAGNOSTICS LABORATORY (MDL) REQUEST FORM**

Patient's Name

\_\_\_\_\_

IC/Passport No.

\_\_\_\_\_

Clinic/Hospital Reference No.

\_\_\_\_\_

Date of Birth (dd/mm/yy)

\_\_\_\_/\_\_\_\_/\_\_\_\_

Age

\_\_\_\_

Gender

M  F

Race

Malay  Chinese  Indian  Other \_\_\_\_\_

Specimen Collection Date (dd/mm/yy)

\_\_\_\_/\_\_\_\_/\_\_\_\_

Time of Collection (hh/mm)

\_\_\_\_/\_\_\_\_ AM / PM

Requesting Doctor's Name and Address

\_\_\_\_\_

STAMP HERE

Doctor's Signature: \_\_\_\_\_

URGENT:  PHONE \_\_\_\_\_

FAX \_\_\_\_\_

EMAIL \_\_\_\_\_

**RELEVANT CLINICAL INFORMATION**

**\*Please include antimicrobial therapy if any**

**SPECIMEN DETAILS**

**\*Please check (✓) the specimen(s) sent**

- |  |  |  |                                      |                                       |
|--|--|--|--------------------------------------|---------------------------------------|
| <input type="checkbox"/> SurePath      | <input type="checkbox"/> Blood in Plain Tube | <input type="checkbox"/> CSF               | <input type="checkbox"/> NP Aspirate | <input type="checkbox"/> OP Swab      |
| <input type="checkbox"/> ThinPrep      | <input type="checkbox"/> Serum               | <input type="checkbox"/> Sputum            | <input type="checkbox"/> Nasal Swab  | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> LBC           | <input type="checkbox"/> Plasma              | <input type="checkbox"/> BAL               | <input type="checkbox"/> Throat Swab |                                       |
| <input type="checkbox"/> Blood in EDTA | <input type="checkbox"/> Urine               | <input type="checkbox"/> Tracheal Aspirate | <input type="checkbox"/> NP Swab     |                                       |

**TEST REQUEST**

**\*Please check (✓) the test(s) required**

**MENINGITIS, CENTRAL NERVOUS SYSTEM (CNS) INFECTIONS**

- 61020145** Rapid PCR FilmArray Meningitis/Encephalitis Panel; 14 Targets – Bacteria, Viruses and Yeast (**PCRmeniR1**)
- 61028160** PCR for Meningitis Viral Pathogen Panel (FTD Neuro9); 11 Targets – Viruses (**PCRmeni2**)
- 61028166** PCR for Meningitis Bacterial Pathogen Panel; 6 Targets – Bacteria (**PCRmeni3**)

**RESPIRATORY INFECTIONS**

- 61020140** PCR for Respiratory Pathogen Panel (RPP); 22 Targets – Viruses and Bacteria (**PCR22rpp1**)
- 61028173** PCR for Respiratory Pathogen Panel (RP); 33 Targets – Viruses, Fungus and Bacteria (**PCR33rpp2**)
- 61020150** PCR for Respiratory Bacterial Pathogen Panel; 7 Targets – Bacteria (**PCR RB1**)
- 61020107** PCR for MERS-CoV RNA (**PCRmerCoV**)

**SEXUALLY TRANSMITTED INFECTIONS**

- 61028159** PCR for STI Essential Screening Panel; 7 Targets – Bacteria (**PCRsti1**)
- 61028165** PCR for Genital Ulcer Panel; 3 Targets – Viruses and Bacteria (**PCRsti3**)
- 61020127** PCR for HPV Genotyping; 19 High Risk and 9 Low Risk HPV (**PCRhpv1**)

**GASTROINTESTINAL INFECTIONS**

- 61028157** Rapid PCR FilmArray Gastrointestinal Panel; 22 Targets – Bacteria, Viruses and Parasites (**PCRGI1**)
- 61028162** PCR for Gastrointestinal Viral Pathogen Panel; 6 Targets – Viruses (**PCRGI2**)
- 61028163** PCR for Gastrointestinal Bacterial Pathogen Panel; 7 Targets – Bacteria (**PCRGI3**)

**HEPATITIS**

- 61020136** Rapid Xpert® HCV RNA Viral Load (**PCRhcvVLR**)

**MYCOBACTERIUM TUBERCULOSIS INFECTIONS**

- 61020115** Rapid PCR for Detection of MTB DNA and Rifampicin Resistance (**PCRTbRIFRp**)
- 61028153** PCR for MTB and Multi Drug Resistance (MDR) Detection (**PCRmtbMDR1**)
- 61028152** PCR for MTB and Non-Tuberculosis Mycobacterium (NTM) Detection (**PCRmtbNTM1**)

**TROPICAL AND EMERGING INFECTIOUS DISEASES**

- 61020146** PCR for Tropical Fever Panel 1; 7 Targets – Bacteria, Viruses and Parasites (**PCRfv1**)
- 61020148** PCR for Dengue Differentiation Panel; 4 Targets – Viruses (**PCRdenDF1**)
- 61020071** PCR for Leptospira DNA (**PCRlepto**)
- 61028168** PCR for Zika Virus Detection (**PCRzikV1**)
- 61020149** PCR for Malaria Differentiation Panel; 5 Targets – Parasites (**PCRmpDF1**)

**HIV INFECTIONS**

- 61020134** Rapid Xpert® HIV-1 RNA Qualitative (**PCRhivQLR**)
- 61020135** Rapid Xpert® HIV-1 RNA Viral Load (**PCRhivVLR**)

**BLOOD DONOR SCREENING**

- 61020070** PCR for Blood Donor Screening (**NAATt, NATbd**)

**OTHER**

\_\_\_\_\_

NOTE: Please refer the details of each panel at the back of this form

## DETAILS OF TEST PANEL

### MENINGITIS, CENTRAL NERVOUS SYSTEM (CNS) INFECTIONS

**Rapid PCR For Meningitis/Encephalitis Pathogen Panel, PCRmeniR1 (61020145)**

**Bacterial Targets** - *Escherichia coli* K1 DNA, *Haemophilus influenzae* DNA, *Listeria monocytogenes* DNA, *Neisseria meningitidis* DNA, *Streptococcus agalactiae* DNA & *Streptococcus pneumoniae* DNA.

**Viral Targets** - Cytomegalovirus DNA, Enterovirus RNA, Herpes Simplex virus 1 & 2 DNA, Human Herpes virus 6 DNA, Human Parechovirus RNA & Varicella Zoster virus DNA.

**Yeast Targets** - *Cryptococcus neoformans*/*Cryptococcus gattii* DNA

**PCR For Meningitis Viral Pathogen Panel, PCRmeni2 (61028160)**

Cytomegalovirus (CMV), Epstein- Barr virus (EBV), Adenovirus (AV), Herpes Simplex virus 1 & 2 (HSV1&2), Varicella Zoster virus (VZV), Enterovirus (EV), Parechovirus (PV), Human Herpes virus 6 & 7 (HHV6&7) & Parvovirus B19 (B19)

**PCR For Meningitis Bacterial Pathogen Panel, PCRmeni3 (61028166)**

*Neisseria meningitidis*, *Streptococcus pneumoniae*, *Haemophilus influenzae*, Group B *Streptococcus* (*S.agalactiae*), *Listeria monocytogenes* & *Escherichia coli*

### SEXUALLY TRANSMITTED INFECTIONS

**PCR For STI Essential Screening Panel, PCRsti1 (61028159)**

*Chlamydia trachomatis*, *Neisseria gonorrhoeae*, *Trichomonas vaginalis*, *Mycoplasma hominis*, *Mycoplasma genitalium*, *Ureaplasma urealyticum* & *Ureaplasma parvum*

**PCR For Genital Ulcer Panel, PCRsti3 (61028165)**

Herpes Simplex virus 1, Herpes Simplex virus 2 & *Treponema pallidum*

**PCR For Human Papilloma Virus (HPV) Genotyping, PCRhpv1 (61020127)**

19 High-risk HPV genotype: 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 69, 73, 82

9 Low-risk HPV genotype: 6, 11, 40, 42, 43, 44, 54, 61, 70

### TROPICAL AND EMERGING INFECTIOUS DISEASES

**PCR For Tropical Fever Pathogen Panel, PCRfv1 (61020146)**

Chikungunya virus RNA, West Nile virus RNA, Dengue virus 1+2+3+4 RNA, *Salmonella* sp. DNA, *Rickettsia* sp. DNA, *Leptospira* sp. DNA & *Plasmodium* sp. DNA

**PCR For Dengue Differentiation Panel, PCRdenDF1 (61020148)**

Dengue virus type 1, 2, 3 & 4

**PCR For Leptospira DNA, PCRlepto (61020071)**

*Leptospira* DNA

**PCR For Zika Virus, PCRzikV (61028168)**

Zika RNA

**PCR For Malaria Differentiation Panel, PCRmpDF1 (61020149)**

*Plasmodium falciparum*, *Plasmodium vivax*, *Plasmodium ovale*, *Plasmodium malariae* and *Plasmodium knowlesi*

### HEPATITIS

**PCR For Rapid Xpert HCV RNA Viral Load, PCRhcvVLR (61020136)**

Hepatitis C Viral Load

### HIV INFECTIONS

**PCR For Rapid Xpert HIV RNA Qualitative, PCRhivQLR (61020134)**

HIV-1 RNA Qualitative

**PCR For Rapid Xpert HIV RNA Viral Load, PCRhivVLR (61020136)**

HIV-1 RNA Viral Load

### BLOOD DONOR SCREENING

**PCR For Blood Donor Screening, NAAT (61020070)**

Blood Donor Screening (HIV, HBV, HCV)

### RESPIRATORY INFECTIONS

**NxTAG® Respiratory Pathogen Panel (RPP), PCR22rpp1 (61020140)**

Influenza A, Influenza A – H1 subtype, Influenza A – 2009 H1N1 subtype, Influenza A – H3 subtype, Influenza B, Respiratory Syncytial Virus A & B, Coronavirus 229E, OC43, NL63, HKU1, Human Metapneumovirus, Rhinovirus/Enterovirus, Adenovirus, Parainfluenza 1, 2, 3 & 4 & Human Bocavirus  
*Mycoplasma pneumoniae* DNA, *Legionella pneumophila* DNA, *Chlamydomphila pneumoniae* DNA

**FTD Respiratory Pathogens 33 (RP), PCR33rpp2 (61028173)**

Influenza A Virus, Influenza B Virus, Influenza A(H1N1) Swi Virus, Human Rhinovirus, Human Coronavirus (NL63, OC43 and HKU1), Human Parainfluenza (1, 2, 3 and 4), Human Metapneumoviruses A/B, Human Bocavirus, *Mycoplasma pneumoniae*, Human Respiratory Syncytial Viruses A/B, Human Adenovirus, Enterovirus, Human Parechovirus, *Chlamydomphila pneumoniae*, *Streptococcus pneumoniae*, *Haemophilus influenzae* B, *Staphylococcus aureus*, *Klebsiella pneumoniae*, *Legionella pneumophila/Longbeachae*, *Salmonella* spp., *Pneumocystis jiroveai*, *Moraxella catarrhalis*, *Bordetella* spp. (except *Bordetella parapertussis*), *Haemophilus influenzae* and Influenza C.

**PCR For Respiratory Bacterial Pathogens Panel, PCRRB1 (61020150)**

*Chlamydomphila pneumoniae* DNA, *Haemophilus influenzae* DNA, *Streptococcus pneumoniae* DNA, *Bordetella pertussis* DNA, *Bordetella parapertussis* DNA, *Mycoplasma pneumoniae* DNA & *Legionella pneumophila* DNA

**PCR For Merscorona Virus, PCRmerCoV (61020107)**

Human coronavirus 2012 (MERS)

### GASTROINTESTINAL INFECTIONS

**Rapid PCR for Gastrointestinal (GI) Pathogen Panel, PCRGI1 (61028157)**

**Bacterial Targets** - *Campylobacter* sp. (*jejuni/coli/upsaliensis*)-*Clostridium difficile* (toxin A/B), *Plesiomonas shigelloides*, *Salmonella* sp., *Vibrio* sp. (*parahaemolyticus/vulnificus/cholerae*) including specific identification of *Vibrio cholerae*, *Yersinia enterocolitica*, Enteroaggregative *Escherichia coli* (EAEC), Enteropathogenic *Escherichia coli* (EPEC), Enterotoxigenic *Escherichia coli* (ETEC) *It/st*, Shiga-like toxin-producing *Escherichia coli* (STEC) *stx1/stx2* (including specific identification of *E.coli* O157 serogroup within STEC), *Shigella*/ Enteroinvasive *Escherichia coli* (EIEC)

**Viral Targets** - Adenovirus F 40/41, Astrovirus, Norovirus GI/GII, Rotavirus A & Sapovirus ( I, II, IV & V)

**Parasite Targets** - *Cryptosporidium* sp., *Cyclospora cayetanensis*, *Entamoeba histolytica* & *Giardia lamblia* (also known as *G.intestinalis* & *G. duodenalis*)

**PCR For Gastrointestinal Viral Pathogen Panel, PCRGI2 (61028162)**

Norovirus I & II, Rotavirus, Adenovirus, Astrovirus & Sapovirus

**PCR For Gastrointestinal Bacterial Pathogen Panel, PCRGI3 (61028163)**

*Campylobacter* spp., *Clostridium difficile* toxin B, *Salmonella* spp., Enteroinvasive *Escherichia coli* (EIEC)/ *Shigella* spp., *Vibrio* spp., *Yersinia enterocolitica* & *Aeromonas* spp.

### MYCOBACTERIUM TUBERCULOSIS INFECTIONS

**Rapid PCR MTB/RIF, PCRtbRIFRp (61020115)**

Detect *Mycobacterium tuberculosis* complex (MTBC) and resistance to Rifampicin (RIF) in *rpoB* gene.

**PCR for MTB & Multi Drug Resistance (MDR) Detection, PCRmtbMDR1 (61028153)**

Detect *Mycobacterium tuberculosis* complex (MTBC), detect 7 mutations causing isoniazid resistant in *katG* gene and *inhA* promoter region and detect 18 mutations causing rifampicin resistant in *rpoB* gene.

**PCR for MTB & NTM, PCRmtbNTM1 (61028152)**

Detect *Mycobacterium tuberculosis* complex (MTBC) and also Non-tuberculous mycobacterium (NTM) DNA.

