CRDM lab no: Date received: Initials:

NATIONAL INSTITUTE FOR COMMUNICABLE DISEASES
Division in the National Health Laboratory Service

Centre for Respiratory Diseases and Meningitis
Specimen Submission Form

Patient Information		**Submitter Information (contact person for results)**	
Identifier or Hospital no		Surname	
Surname		First name	
First name		Facility name	
Age / Date of birth		City, Country	
Gender		Contact number	
Date of symptom onset	DD / MM / YYYY	Email address	

Specimen Details					
Specimen collection date:	DD / MM / YYYY		*Tick one or more specimen types below. Respiratory specimens are listed first (upper, then lower), followed by non-respiratory specimens.*		
Specimen type:					
RESPIRATORY – upper	☐ Nasopharyngeal (NP) **SWAB**	☐ Nasopharyngeal **ASPIRATE**	☐ Nasal **SWAB**	☐ Oropharyngeal (OP) **SWAB**	☐ Combined NP/OP **SWAB**
RESPIRATORY – lower	☐ Sputum	☐ Tracheal **ASPIRATE**	☐ Bronchoalveolar lavage		
STERILE-SITE FLUID	☐ CSF	☐ Pleural fluid	☐ Other, specify:		
BLOOD	☐ Blood culture bottle fluid	☐ Whole blood	☐ Serum	☐ Other, specify:	
OTHER	☐ Conjunctival **SWAB**	☐ Other, specify:			

Laboratory Test Details					
Important: Type of panel and emerging / novel pathogen requests should first be discussed with the local NHLS pathologist or registrar, who may then contact CRDM.					
Tests requested:					
Viral pathogens	☐ Influenza / RSV / SARS-CoV-2	☐ Avian / Zoonotic influenza	☐ MERS-CoV		
Bacterial pathogens	☐ *B. pertussis*	☐ *C. diphtheriae*	☐ *Legionella*	☐ Group A strep	☐ Group B strep
Multiplex panels (see page 2)	☐ **Acute** respiratory disease panel	☐ **Nosocomial** respiratory disease panel	☐ Meningitis panel (BioFire or Seegene Allplex™)		
EMERGING / NOVEL	☐ Emerging / novel respiratory pathogen (unknown or novel pathogen)				
OTHER	☐ Other, specify:				

Clinical Presentation and Outcome					
Clinical diagnosis:	☐ Influenza-like illness	☐ Upper respiratory tract infection	☐ Lower respiratory tract infection	☐ Pertussis	☐ Diphtheria
	☐ Meningitis	☐ Meningococcal disease	☐ Acute rheumatic fever	☐ Other, specify:	
Symptoms:	☐ Fever (≥38°C)	☐ History of fever	☐ Sore throat	☐ Cough	☐ Shortness of breath
	☐ Paroxysmal cough / inspiratory whoop	☐ Apnoea	☐ Conjunctivitis	☐ Headache	☐ Stiff neck
	☐ Vomiting	☐ Diarrhoea	☐ Other, specify:	☐ Unknown	☐ None
Comorbidities:	☐ Asthma	☐ Chronic lung disease	☐ Diabetes	☐ HIV	☐ Pregnancy
	☐ TB	☐ Heart disease	☐ Other, specify:	☐ Unknown	☐ None
Hospitalisation:	☐ Outpatient	☐ Inpatient – not admitted to ICU	☐ Inpatient – admitted to ICU	☐ Unknown	
Outcome:	☐ Still hospitalised	☐ Survived	☐ Died	☐ Unknown	

Exposure History			
Did the patient travel in the 14 days prior to symptom onset?	☐ Yes	☐ No	☐ Unknown

Place of origin	**Date of departure**	**Destination**	**Date of arrival**
1.	DD / MM / YYYY		DD / MM / YYYY
2.	DD / MM / YYYY		DD / MM / YYYY

Did the patient have animal contact in the 14 days prior to symptom onset?			☐ Yes	☐ No	☐ Unknown
Animal type:	☐ Swine / other domestic mammals	☐ Wild birds	☐ Poultry (e.g. chickens, ostrich, ducks)	☐ Other, specify:	
Date of exposure:	DD / MM / YYYY		**Exposure type:**		

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Please attach any relevant information

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CRDM respiratory and meningitis syndromic test panels (PCR)

Test name	Pathogens detected/required specimen volume		
Acute respiratory disease PCR panel BioFire RP2.1 *plus* panel	**Viruses** • Adenovirus • Coronavirus 229E • Coronavirus HKU1 • Coronavirus NL63 • Coronavirus OC43 • Middle East respiratory syndrome coronavirus (MERS-CoV) • Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) • Human metapneumovirus • Human rhinovirus/enterovirus • Influenza A • Influenza B • Parainfluenza virus 1 • Parainfluenza virus 2 • Parainfluenza virus 3 • Parainfluenza virus 4 • Respiratory syncytial virus (RSV)	**Bacteria** • *Mycoplasma pneumoniae* • *Chlamydia pneumoniae* • *Bordetella pertussis (ptxP)* • *Bordetella parapertussis (IS1001)*	**Minimum specimen volume: 300 µl**
Nosocomial respiratory disease PCR panel BioFire pneumonia panel	**Viruses** • Adenovirus • Coronavirus • Human metapneumovirus • Human rhinovirus/enterovirus • Influenza A • Influenza B • Middle East respiratory syndrome coronavirus (MERS-CoV) • Parainfluenza virus • Respiratory syncytial virus (RSV)	**Bacteria** • *Acinetobacter calcoaceticus-baumannii complex* • *Enterobacter cloacae complex* • *Escherichia coli* • *Haemophilus influenzae* • *Klebsiella aerogenes* • *Klebsiella oxytoca* • *Klebsiella pneumoniae group* • *Moraxella catarrhalis* • *Proteus spp.* • *Pseudomonas aeruginosa* • *Serratia marcescens* • *Staphylococcus aureus* • *Streptococcus agalactiae* • *Streptococcus pneumoniae* • *Streptococcus pyogenes* • *Chlamydia pneumoniae* • *Legionella pneumophila* • *Mycoplasma pneumoniae*	**Minimum specimen volume: 200 µl**
Meningitis PCR panel BioFire meningitis / encephalitis panel	**Viruses** • Cytomegalovirus • Enterovirus • Herpes simplex virus 1 • Herpes simplex virus 2 • Human herpesvirus 6 • Human parechovirus • Varicella zoster virus	**Bacteria** • *Escherichia coli K1* • *Haemophilus influenzae* • *Listeria monocytogenes* • *Neisseria meningitidis* • *Streptococcus agalactiae* • *Streptococcus pneumoniae* **Fungi** • *Cryptococcus neoformans/gattii*	**Minimum specimen volume: 200 µl**
Meningitis PCR panel Seegene Allplex™ meningitis panel	**Viruses** • Adenovirus • Cytomegalovirus • Enterovirus • Epstein-Barr virus • Herpes simplex virus 1 • Herpes simplex virus 2 • Human herpesvirus 6 • Human herpesvirus 7 • Human parechovirus • Mumps virus • Parvovirus B19 • Varicella zoster virus	**Bacteria** • *Neisseria meningitidis* • *Streptococcus agalactiae (Group B)* • *Streptococcus pneumoniae* • *Escherichia coli K1* • *Haemophilus influenzae* • *Listeria monocytogenes*	**Minimum specimen volume: 100 µl**

Emerging / novel respiratory pathogens are tested with different assays and are not covered by the panels above. Please consult CRDM before requesting.