



MICROBIAL REQUISITION

COAGULATION CONSULTANTS LABORATORY

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Patient Name: _____	Specimen Type: _____
I.D.# _____	Date (taken): _____
Hospital: _____	Date (shipped): _____

All five Verigene microbial assays are FDA cleared and will be performed on the same day that the specimens are received. Specimen requirements are found on the back page. Only one charge will be levied per profile selected. Each profile identifies the species and the resistance to antibiotics when applicable and pharmaceutical stewardship is recommended.

I. RESPIRATORY PATHOGENS

Profile A (Adeno/hMPV)

1. Adenovirus
2. Human Metapneumovirus

Profile B (Flu)

1. Influenza A, A(subtype H1 or H3, B)

Profile C (Para/Rhino)

1. Parainfluenza 1,2,3 or4
2. Rhinovirus

Profile D (RSV)

1. RSV A, RSV B

Profile E (Bordetella)

1. Bordetella pertussis, parapertussis bronchiseptica, holmesii

II. CLOSTRIDIUM DIFFICILE PROFILE

1. Toxin A (tcdA gene), Toxin B(tcdB gene)
2. PCR Ribotype 027 hypervirulent strain

III. GRAM POSITIVE BLOOD CULTURES PROFILE

1. Staphylococcus aureus, epidermidis, lugdunensis
2. Streptococcus anginosus Group, agalactiae, pneumoniae, pyogenes
3. Enterococcus faecalis, faecium
4. Staphylococcus spp., Streptococcus spp., Micrococcus spp., Listeria spp.
5. Resistance mecA(Methicillin) , van A & B(Vancomycin)

IV. GRAM NEGATIVE BLOOD CULTURES PROFILE

1. Escherichia coli
2. Klebsiella pneumoniae, oxytoca
3. Pseudomonas aeruginosa
4. Serratia marcescens
5. Acinetobacter spp., Citrobacter spp., Enterobacter spp., Proteus spp.
6. Resistance CTX-M (ESBL), IMP, KPC, NDM,OXA & VIM(Carbapenemase)

V. ENTERIC PATHOGENS PROFILE

1. Campylobacter Group
2. Salmonella spp., Shigella spp.
3. Vibrio Group
4. Yersinia enterocolitica
5. Shiga Toxin 1(stx1), 2(stx2)
6. Norovirus
7. Rotavirus

SPECIMEN COLLECTION AND SHIPPING AND/OR STORAGE

Inadequate or inappropriate specimen collection, storage or transport may yield false-negative results. Due to the importance of specimen quality, training of personnel in the correct manner to perform specimen collection and handling is highly recommended.

RESPIRATORY PANEL

1. Use a Nylon or Rayon tipped nasopharyngeal swab for specimen collection.
2. Place swab into a vial containing viral transport medium (VTM, e.g. M4, M4-RT, M5, M6 Universal Transport Media and Universal Viral Transport Media).
3. Specimens should be stored at 2-8° C and shipped on ice packs within 24-48 hours of collection. Once testing is complete, the original specimen may be stored at -70° C for 30 days.

BLOOD CULTURE, GRAM POSITIVE

1. Draw blood using aseptic technique into the blood culture bottle using manufacturer's instructions.
2. Incubate bottle in automated blood culture monitoring system until the bottle is flagged positive for microbial growth.
3. Perform a Gram stain.
4. Remove 1mL aseptically and place it in a sterile vial and ship with ice packs for transport.
5. Store the culture bottle at room temperature (18-24° C) for up to 12 hours, in case a mixed growth is identified and sub-culturing is needed to specify the sensitivities of various organisms.

BLOOD CULTURE, GRAM NEGATIVE

1. Follow the procedures shown in steps 1-3 for Gram Positive Cultures.
2. Remove aseptically 2 ml. of well mixed culture media and place it in a sterile vial for shipping.
3. Ship vial at 2-37° C for testing preferably with ice packs.

CLOSTRIDIUM DIFFICILE

1. Collect 1 mL of unformed (liquid or soft) stool specimen in a sterile container.
2. Store the specimen at 2-8° C and ship within 24 hours of collection with ice packs.

ENTERIC PATHOGENS

1. Collect stool preserved in Cary-Blair medium according to manufacturer's recommendations.
2. Refrigerate preserved specimens for up to 24 hours and ship on ice packs.