

IDENTIFYING INFECTIONS

Syndromic Menu Ordering Reference Guide

TURN-AROUND TIME: 24-36 Hours from receipt of specimen in our laboratory

Respiratory

SPECIMEN TYPES: Nasopharyngeal/Nares Swab

COMMON SIGNS & SYMPTOMS: Consider if patient presents with symptoms of an upper respiratory tract infection, including cough, moderate temperature elevation, and mucopurulent sputum. J00, J02.9, J06.0, J06.9, J10.1, J18.9, J20.8, J22, R05.1, R05.2, R06.02, R06.2, R07.1, R50.9

<p>Bacterial</p> <ul style="list-style-type: none"> • Haemophilus influenzae • Moraxella catarrhalis • Staphylococcus aureus • Streptococcus pneumoniae • Streptococcus pyogenes (Group A Strep) <p>Atypical Bacteria</p> <ul style="list-style-type: none"> • Bordetella pertussis • Chlamydia pneumoniae • Mycoplasma pneumoniae 	<p>Virus</p> <ul style="list-style-type: none"> • Adenovirus • Bocavirus • COVID-19 Coronavirus (SARS-CoV-2) • Enterovirus • Epstein-Barr virus (mononucleosis) • Human metapneumovirus (A) • Human metapneumovirus (B) • Influenza virus A • Influenza virus B • Other Coronaviruses (229E) 	<p>Virus</p> <ul style="list-style-type: none"> • Other Coronaviruses (HKU1) • Other Coronaviruses (NL63) • Other Coronaviruses (OC43) • Parainfluenza virus (type 1) • Parainfluenza virus (type 2) • Parainfluenza virus (type 3) • Parainfluenza virus (type 4) • Respiratory Syncytial Virus (Types A & B) • Rhinovirus (types A & B) <p>Antibiotic Resistance Genes</p> <ul style="list-style-type: none"> • mecA
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Respiratory Plus

SPECIMEN TYPES: Nasopharyngeal/Nares Swab

COMMON SIGNS & SYMPTOMS: Consider if patient presents with symptoms of an upper respiratory tract infection, including cough, moderate temperature elevation, and mucopurulent sputum. J00, J02.9, J06.0, J06.9, J10.1, J18.9, J20.8, J22, R05.1, R05.2, R06.02, R06.2, R07.1, R50.9

<p>Bacterial</p> <ul style="list-style-type: none"> • Acinetobacter baumannii • Enterobacter cloacae • Haemophilus influenzae • Klebsiella aerogenes • Klebsiella pneumoniae • Moraxella catarrhalis • Proteus mirabilis • Pseudomonas aeruginosa • Staphylococcus aureus • Staphylococcus epidermidis • Streptococcus pneumoniae • Streptococcus pyogenes (Group A Strep) 	<p>Atypical Bacteria</p> <ul style="list-style-type: none"> • Bordetella pertussis • Chlamydia pneumoniae • Legionella pneumophila • Mycoplasma pneumoniae <p>Virus</p> <ul style="list-style-type: none"> • Adenovirus • Bocavirus • COVID-19 Coronavirus (SARS-CoV-2) • Enterovirus • Epstein-Barr virus (mononucleosis) • Human metapneumovirus (A) • Human metapneumovirus (B) • Influenza virus A 	<p>Virus</p> <ul style="list-style-type: none"> • Influenza virus B • Other Coronaviruses (229E) • Other Coronaviruses (HKU1) • Other Coronaviruses (NL63) • Other Coronaviruses (OC43) • Parainfluenza virus (type 1) • Parainfluenza virus (type 2) • Parainfluenza virus (type 3) • Parainfluenza virus (type 4) • Respiratory Syncytial Virus (Types A & B) • Rhinovirus (types A & B) <p>Antibiotic Resistance Genes</p> <ul style="list-style-type: none"> • mecA
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Treatable Respiratory Viruses

SPECIMEN TYPES: Nasopharyngeal Swab

COMMON SIGNS & SYMPTOMS: Consider if patient presents with an acute upper respiratory tract Infection, high-grade fever, acute cough, runny nose, pain in throat, wheezing, nasal congestion, shortness of breath, or malaise. J00, J02.9, J06.0, J06.9, J10.1, J18.9, J20.8, J22, R05.1, R05.2, R06.02, R06.2, R07.1, R50.9

Virus

- COVID-19 Coronavirus (SARS-CoV-2)
- Influenza virus A
- Influenza virus B
- Respiratory syncytial virus

Pharyngitis/Laryngitis

SPECIMEN TYPES: Oropharynx Swab

COMMON SIGNS & SYMPTOMS: Consider if patient presents with pain in throat, fever, pharyngeal edema, patchy tonsillar exudates, or tender/swollen anterior cervical lymph nodes. J00, J02.9, J06.0, R05.1, R05.2, R50.9

Bacterial

- Streptococcus pyogenes (Group A Strep)

Atypical Bacteria

- Mycoplasma pneumoniae

Virus

- COVID-19 Coronavirus (SARS-CoV-2)
- Enterovirus
- Rhinovirus (types A & B)

Candida Auris

SPECIMEN TYPES: Axilla, Groin, or Axilla & Groin Swab

Fungal

- Candida auris



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Urinary Tract Infection

SPECIMEN TYPES: Urine (clean catch)

COMMON SIGNS & SYMPTOMS: Consider if patient presents with dysuria, hematuria, urgency of urination, frequency of micturition, or pain of micturition. N30.00, N30.01, N39.0, N39.1, R30.0, R30.9, R31.0, R35.0, R82.9, R82.998, Z87.440

Bacterial

- Acinetobacter baumannii
- Bacteroides fragilis
- Citrobacter freundii
- Citrobacter koseri
- Enterobacter cloacae
- Enterococcus spp
- Escherichia coli
- Klebsiella aerogenes
- Klebsiella oxytoca
- Klebsiella pneumoniae
- Morganella morganii
- Mycoplasma genitalium
- Mycoplasma hominis
- Prevotella bivia
- Proteus mirabilis
- Pseudomonas aeruginosa
- Serratia marcescens
- Staphylococcus aureus
- Staphylococcus epidermidis
- Staphylococcus saprophyticus
- Streptococcus agalactiae (Group B Strep)
- Streptococcus pyogenes (Group A Strep)
- Ureaplasma urealyticum

Fungi

- Candida albicans
- Candida dubliniensis
- Candida glabrata
- Candida krusei
- Candida parapsilosis
- Candida tropicalis

Antibiotic Resistance Genes

- blaKPC
- blaNDM
- CTX-M-Group 1
- dfrA
- mecA
- qnr
- Sul
- vanA
- vanB



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Sexually Transmitted Infection

SPECIMEN TYPES: Urine (voided)

COMMON SIGNS & SYMPTOMS: Consider if patient has high risk heterosexual behavior, high risk homosexual behavior, or suspected exposure to a sexually transmitted infection. Z11.3, Z20.2, Z72.51, Z72.52

Bacteria

- Atopobium vaginae
- Chlamydia trachomatis
- Gardnerella vaginalis
- Haemophilus ducreyi
- HSV-1 (Herpes Simplex)
- HSV-2 (Herpes Simplex)
- Neisseria gonorrhoeae
- Treponema pallidum
- Trichomonas vaginalis

Vaginitis

SPECIMEN TYPES: Vaginal Swab

COMMON SIGNS & SYMPTOMS: Consider if patient presents with vaginal discharge, odor, itching, and/or discomfort, bacterial vaginosis, or vulvovaginal candidiasis. N76.0, N76.1, N76.89, N77.1, N93.9, R30.0, Z72.51

Bacterial

- Atopobium vaginae
- Bacteroides fragilis
- BVAB-2
- Chlamydia trachomatis
- Enterococcus spp
- Escherichia coli
- Gardnerella vaginalis
- Haemophilus ducreyi
- HSV-1 (Herpes Simplex)
- HSV-2 (Herpes Simplex)
- Lactobacillus crispatus
- Lactobacillus gasseri
- Lactobacillus iners

- Lactobacillus jensenii
- Megasphaera Type 1
- Megasphaera Type 2
- Mobiluncus curtisii
- Mobiluncus mulieris
- Mycoplasma genitalium
- Mycoplasma hominis
- Neisseria gonorrhoeae
- Prevotella bivia
- Staphylococcus aureus
- Streptococcus agalactiae (GBS)
- Treponema pallidum
- Trichomonas vaginalis
- Ureaplasma urealyticum

Fungi

- Candida albicans
- Candida dubliniensis
- Candida glabrata
- Candida krusei
- Candida lusitanae
- Candida parapsilosis
- Candida tropicalis

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Wound

SPECIMEN TYPES: Wound Swabs (all locations)

COMMON SIGNS & SYMPTOMS: Patient presents with a recent wound resulting from penetrating trauma with erythema, edema, heat, purulent exudate and/or pain. B00.9, B02.9, L01.00, L02.214, L02.818, L30.4, L30.8, S81.802A, S81.801A, S90.829A

Bacterial		Antibiotic Resistance Genes
<ul style="list-style-type: none">Acinetobacter baumanniiBacteroides fragilisCitrobacter freundiiCitrobacter koseriEnterobacter cloacaeEnterococcus sppEscherichia coliKlebsiella aerogenesKlebsiella oxytoca	<ul style="list-style-type: none">Klebsiella pneumoniaeMorganella morganiiProteus mirabilisPseudomonas aeruginosaSerratia marcescensStaphylococcus aureusStaphylococcus epidermidisStaphylococcus saprophyticusStreptococcus pyogenes (Group A Strep)	<ul style="list-style-type: none">blaKPCblaNDMCTX-M-Group 1dfrAmecAqnrSulvanAvanB

IMPORTANT REMINDER for specimens: Use the KarmaCare Dx Collection Kit provided. Per College of American Pathology (CAP) regulations, all primary specimen containers - the innermost container submitted to KarmaCare Dx that contains the specimen to be tested - must be labeled with two (2) patient identifiers!

Patient identifiers include:

- Patient Name (first and last)
- Requisition Number or Bar Code Label (available on Requisition Form after an order is placed on our Online Portal)
- Patient's Date of Birth

Patient identifiers on specimen container and the laboratory Requisition Form must match for the specimen to be processed. Please make sure to include the date and time of specimen collection on specimen container.

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