



CLIA ID: 45D2332030
Lab Director: Dr. Congying Gu

CARDIOPULMONARY DISORDERS RISK TESTING REQUISITION FORM

INSTRUCTIONS

- Patient and Physician must sign the consent form
- All items identified as **'Required'** must be Provided/attached to the requisition form.

SUBMISSION CHECKLIST

- ☐ SOAP notes and progress notes
- ☐ Patient insurance ID card or face sheet
- ☐ Physician and Patient Signature

ORDERING PHYSICIAN INFORMATION

Physician Name		NPI#	FAX#
Office/Practice/Institution Name		Physician's Email	
Street Address			
City		State	Zip Code
Office Contact Name	Contact Phone	Contact Email	

Ordering Provider (Please select one physician per order)

Physician name:	Physician NPI:	Physician name:	Physician NPI:
Physician name:	Physician NPI:	Physician name:	Physician NPI:

PATIENT INFORMATION

REQUIRED

Patient First Name	Patient Last Name	Date of Birth (mm/dd/yyyy)	Phone Number
Address		City	State
			Zip

Gender Identity

- ☐ Male
- ☐ Female
- ☐ Female-to-Male
- ☐ Male-to-Female
- ☐ Gender queer
- ☐ Other (Specify)
- ☐ Choose not to Disclose

Sexual Orientation

- ☐ Lesbian, gay, or homosexual
- ☐ Straight or heterosexual
- ☐ Bisexual
- ☐ Something else (Describe)
- ☐ Choose not to disclose

Ancestry

- ☐ White/Caucasian
- ☐ Native American
- ☐ Hispanic
- ☐ African American
- ☐ Ashkenazi Jewish
- ☐ Middle eastern
- ☐ American Indian
- ☐ Asian
- ☐ Native Hawaiian and Other Pacific Islander

PAYMENT OPTIONS (SELECT ONE)

REQUIRED

<input type="checkbox"/> Insurance Billing (Please provide the insurance information)	Primary Insurance	Insurance Policy/ID#	Group#
	Primary Policy Holder Name	Date of Birth	
	Secondary Insurance	Insurance Policy/ID#	Group#
	Secondary Policy Holder Name	Date of Birth	
<input type="checkbox"/> Self-Pay (Please provide credit card details or mail the check to the laboratory address)			
<input type="checkbox"/> Client Billing / Institutional Billing			

SPECIMEN INFORMATION

REQUIRED

Sample Type <input type="checkbox"/> Buccal Swab <input type="checkbox"/> Extracted DNA Sample Draw Date (mm/dd/yyyy)/...../.....	Shipping Instructions <ul style="list-style-type: none">■ Label each specimen tube with the patient's full name and date of birth or patient's full name and collection date.■ To receive the specimen requirements and shipping guidelines, please send an email to - clientservices@preventivegx.com	Send completed Requisition Form with collected sample to: 10700 Richmond Ave, STE 112 Houston, TX 77042
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CLINICAL HISTORY

Indications for Testing: ☐ Diagnostic ☐ Presymptomatic ☐ Family History ☐ Family Variant ☐ Other:

Age of Primary Diagnosis:

Previous genetic tests: ☐ Yes ☐ No
(If Yes, please specify the test and results)

Will Patient management be changed depending on the test results? ☐ Yes ☐ No

FAMILY HISTORY

☐ No Known Family History ☐ Pedigree Attached ☐ Adopted

Relationship	Maternal	Paternal	Relevant History	Age at Diagnosis
1	<input type="checkbox"/>	<input type="checkbox"/>		
2	<input type="checkbox"/>	<input type="checkbox"/>		
3	<input type="checkbox"/>	<input type="checkbox"/>		

CARDIOVASCULAR QUESTIONNAIRE

Family History and Genetic Predisposition

1. Do you have a family history of heart diseases?

- ☐ Yes, immediate family (parents, siblings, children)
☐ Yes, extended family (grandparents, aunts, uncles, cousins)
☐ No ☐ Unsure

2. Are there any known genetic conditions in your family?

- ☐ Yes (please specify) _____
☐ No ☐ Unsure

Personal Health History

3. Have you been diagnosed with any of the following conditions?

- ☐ Coronary artery disease
☐ Hypertension (high blood pressure)
☐ Heart failure
☐ Arrhythmias
☐ Peripheral artery disease
☐ Cardiomyopathy
☐ Valvular heart disease
☐ Congenital heart defects
☐ High cholesterol (hyperlipidemia)
☐ Diabetes mellitus
☐ None of the above

4. Have you experienced any of the following symptoms?

- ☐ Chest pain or discomfort
☐ Shortness of breath
☐ Palpitations
☐ Fainting or near-fainting episodes
☐ Swelling in the legs, ankles, or feet
☐ Fatigue or weakness during physical activity
☐ None of the above

5. Have you had any previous cardiac events?

- ☐ Heart attack ☐ Stroke ☐ Transient ischemic attack (TIA)
☐ None of the above

Lifestyle Factors

6. Do you currently smoke or have you ever smoked?

- ☐ Current smoker ☐ Former smoker ☐ Never smoked

7. How would you describe your current exercise routine?

- ☐ Sedentary (little to no exercise)
☐ Light exercise (1-2 times per week)
☐ Moderate exercise (3-4 times per week)
☐ Vigorous exercise (5 or more times per week)

Additional Risk Factors

8. What is your current age?

- ☐ Under 40
☐ 40-50
☐ 51-60
☐ Over 60

9. What is your body mass index (BMI)?

- ☐ Under 18.5 (underweight)
☐ 18.5-24.9 (normal weight)
☐ 25-29.9 (overweight)
☐ 30 or above (obese)

10. Have you ever been told you have sleep apnea?

- ☐ Yes
☐ No
☐ Unsure

PULMONARY QUESTIONNAIRE

Family History and Genetic Predisposition

1. Do you have a family history of lung diseases?

- ☐ Yes, immediate family (parents, siblings, children)
☐ Yes, extended family (grandparents, aunts, uncles, cousins)
☐ No ☐ Unsure

2. Are there any known genetic conditions affecting the lungs in your family?

- ☐ Yes (please specify) ☐ No ☐ Unsure

Personal Health History

3. Have you been diagnosed with any of the following respiratory conditions?

- ☐ Asthma
☐ Chronic obstructive pulmonary disease (COPD)
☐ Cystic fibrosis
☐ Alpha-1 antitrypsin deficiency
☐ Pulmonary fibrosis
☐ Pulmonary hypertension
☐ Bronchiectasis
☐ Sarcoidosis
☐ Lung cancer
☐ None of the above

4. Have you experienced any of the following symptoms?

- ☐ Persistent cough
☐ Shortness of breath
☐ Wheezing
☐ Chest tightness
☐ Recurrent respiratory infections
☐ Coughing up blood
☐ Excessive mucus production
☐ None of the above

5. Have you had any of the following respiratory-related events?

- ☐ Pneumothorax (collapsed lung)
☐ Hospitalization for respiratory issues
☐ Respiratory failure requiring ventilation
☐ None of the above

Lifestyle Factors

6. Do you currently smoke or have you ever smoked?

- ☐ Current smoker
☐ Former smoker
☐ Never smoked

7. Have you been exposed to any of the following environmental factors?

- ☐ Secondhand smoke
☐ Occupational dust or chemicals
☐ Air pollution
☐ Asbestos
☐ Radon
☐ None of the above

8. How would you describe your current exercise capacity?

- ☐ No limitations in physical activity
☐ Slight limitation in physical activity
☐ Marked limitation in physical activity
☐ Unable to carry out any physical activity without discomfort

Additional Risk Factors

9. What is your body mass index (BMI)?

- ☐ Under 18.5 (underweight)
☐ 18.5-24.9 (normal weight)
☐ 25-29.9 (overweight)
☐ 30 or above (obese)

10. Do you have a history of frequent respiratory infections?

- ☐ Yes, more than 3 per year
☐ Yes, 1-2 per year
☐ No, rarely get respiratory infections

☐ CardioGenomics Genes

<input type="checkbox"/> ABCC9	<input type="checkbox"/> BRAF	<input type="checkbox"/> CRELD1	<input type="checkbox"/> FBN1	<input type="checkbox"/> HRAS	<input type="checkbox"/> KRAS	<input type="checkbox"/> MYH7	<input type="checkbox"/> PLN	<input type="checkbox"/> SDHA	<input type="checkbox"/> TCAP	<input type="checkbox"/> VCL
<input type="checkbox"/> ABCG5	<input type="checkbox"/> CACNA1C	<input type="checkbox"/> CRYAB	<input type="checkbox"/> FBN2	<input type="checkbox"/> HSPB8	<input type="checkbox"/> LAMA2	<input type="checkbox"/> MYL2	<input type="checkbox"/> PRDM16	<input type="checkbox"/> SELENON	<input type="checkbox"/> TGFB2	<input type="checkbox"/> ZBTB17
<input type="checkbox"/> ABCG8	<input type="checkbox"/> CACNA2D1	<input type="checkbox"/> CSR3P	<input type="checkbox"/> FHL1	<input type="checkbox"/> ILK	<input type="checkbox"/> LAMA4	<input type="checkbox"/> MYL3	<input type="checkbox"/> PRKAG2	<input type="checkbox"/> SGCB	<input type="checkbox"/> TGFB3	<input type="checkbox"/> ZHX3
<input type="checkbox"/> ACTA1	<input type="checkbox"/> CACNB2	<input type="checkbox"/> CTF1	<input type="checkbox"/> FHL2	<input type="checkbox"/> JAG1	<input type="checkbox"/> LAMP2	<input type="checkbox"/> MYLK	<input type="checkbox"/> PRKARIA	<input type="checkbox"/> SGCD	<input type="checkbox"/> TGFB1	<input type="checkbox"/> ZIC3
<input type="checkbox"/> ACTA2	<input type="checkbox"/> CALM1	<input type="checkbox"/> DES	<input type="checkbox"/> FKRP	<input type="checkbox"/> JPH2	<input type="checkbox"/> LDB3	<input type="checkbox"/> MYLK2	<input type="checkbox"/> PTPN11	<input type="checkbox"/> SGCG	<input type="checkbox"/> TGFB2	<input type="checkbox"/> BAG3
<input type="checkbox"/> ACTC1	<input type="checkbox"/> CALR3	<input type="checkbox"/> DMD	<input type="checkbox"/> FKTN	<input type="checkbox"/> JUP	<input type="checkbox"/> LDLR	<input type="checkbox"/> MYO6	<input type="checkbox"/> RAF1	<input type="checkbox"/> SHOC2	<input type="checkbox"/> TMEM43	<input type="checkbox"/> CREB3L
<input type="checkbox"/> ACTN2	<input type="checkbox"/> CASQ2	<input type="checkbox"/> DNAJC19	<input type="checkbox"/> FXN	<input type="checkbox"/> KCNA5	<input type="checkbox"/> LDLRAP1	<input type="checkbox"/> MYO22	<input type="checkbox"/> RANGRF	<input type="checkbox"/> SLC25A4	<input type="checkbox"/> TMPO	<input type="checkbox"/> EYA4
<input type="checkbox"/> AKAP9	<input type="checkbox"/> CAV3	<input type="checkbox"/> DOLK	<input type="checkbox"/> GAA	<input type="checkbox"/> KCND3	<input type="checkbox"/> LMF1	<input type="checkbox"/> MYPN	<input type="checkbox"/> RBM20	<input type="checkbox"/> SLC2A10	<input type="checkbox"/> TNNC1	<input type="checkbox"/> HFE
<input type="checkbox"/> ALMS1	<input type="checkbox"/> CAVIN4	<input type="checkbox"/> DPP6	<input type="checkbox"/> GATAD1	<input type="checkbox"/> KCNE1	<input type="checkbox"/> LMNA	<input type="checkbox"/> NEXN	<input type="checkbox"/> RYR1	<input type="checkbox"/> SMAD3	<input type="checkbox"/> TNNI3	<input type="checkbox"/> KLF10
<input type="checkbox"/> ANK2	<input type="checkbox"/> CBL	<input type="checkbox"/> DSC2	<input type="checkbox"/> GCKR	<input type="checkbox"/> KCNE2	<input type="checkbox"/> LPL	<input type="checkbox"/> NKX2-5	<input type="checkbox"/> RYR2	<input type="checkbox"/> SMAD4	<input type="checkbox"/> TNNT2	<input type="checkbox"/> MYH6
<input type="checkbox"/> ANKRD1	<input type="checkbox"/> CBS	<input type="checkbox"/> DSG2	<input type="checkbox"/> GJA5	<input type="checkbox"/> KCNE3	<input type="checkbox"/> LTBP2	<input type="checkbox"/> NODAL	<input type="checkbox"/> SALL4	<input type="checkbox"/> SNTA1	<input type="checkbox"/> TPM1	<input type="checkbox"/> PKP2
<input type="checkbox"/> APOA4	<input type="checkbox"/> CETP	<input type="checkbox"/> DSP	<input type="checkbox"/> GLA	<input type="checkbox"/> KCNH2	<input type="checkbox"/> MAP2K1	<input type="checkbox"/> NOTCH1	<input type="checkbox"/> SCN1B	<input type="checkbox"/> SOS1	<input type="checkbox"/> TRDN	<input type="checkbox"/> SCO2
<input type="checkbox"/> APOA5	<input type="checkbox"/> COL3A1	<input type="checkbox"/> DTNA	<input type="checkbox"/> GPD1L	<input type="checkbox"/> KCNJ2	<input type="checkbox"/> MAP2K2	<input type="checkbox"/> NPPA	<input type="checkbox"/> SCN2B	<input type="checkbox"/> SREBF2	<input type="checkbox"/> TRIM63	<input type="checkbox"/> TBX5
<input type="checkbox"/> APOB	<input type="checkbox"/> COL5A1	<input type="checkbox"/> EFEMP2	<input type="checkbox"/> GPIHBP1	<input type="checkbox"/> KCNJ5	<input type="checkbox"/> MIB1	<input type="checkbox"/> NRAS	<input type="checkbox"/> SCN3B	<input type="checkbox"/> TAZ	<input type="checkbox"/> TRPM4	<input type="checkbox"/> TXNRD2
<input type="checkbox"/> APOC2	<input type="checkbox"/> COL5A2	<input type="checkbox"/> ELN	<input type="checkbox"/> HADHA	<input type="checkbox"/> KCNJ8	<input type="checkbox"/> MYBPC3	<input type="checkbox"/> PCSK9	<input type="checkbox"/> SCN4B	<input type="checkbox"/> TBX20	<input type="checkbox"/> TTN	
<input type="checkbox"/> APOE	<input type="checkbox"/> COX15	<input type="checkbox"/> EMD	<input type="checkbox"/> HCN4	<input type="checkbox"/> KCNQ1	<input type="checkbox"/> MYH11	<input type="checkbox"/> PDLIM3	<input type="checkbox"/> SCN5A	<input type="checkbox"/> TBX3	<input type="checkbox"/> TTR	

☐ Pulmonary Genes

<input type="checkbox"/> ABCA3	<input type="checkbox"/> CHRND	<input type="checkbox"/> DNAAF2	<input type="checkbox"/> EDN3	<input type="checkbox"/> GAS8	<input type="checkbox"/> NAF1	<input type="checkbox"/> RAPSN	<input type="checkbox"/> SCNN1A	<input type="checkbox"/> SLC6A5	<input type="checkbox"/> TERT
<input type="checkbox"/> CCDC39	<input type="checkbox"/> CHRNE	<input type="checkbox"/> DNAH1	<input type="checkbox"/> EFEMP2	<input type="checkbox"/> GLRA1	<input type="checkbox"/> NF1	<input type="checkbox"/> RET	<input type="checkbox"/> SCNN1B	<input type="checkbox"/> SLC7A7	<input type="checkbox"/> TNF2
<input type="checkbox"/> CCDC40	<input type="checkbox"/> COLQ	<input type="checkbox"/> DNAH5	<input type="checkbox"/> ELMOD2	<input type="checkbox"/> HPS1	<input type="checkbox"/> NKX2-1	<input type="checkbox"/> RSPH3	<input type="checkbox"/> SERPINA1	<input type="checkbox"/> SLC34A2	<input type="checkbox"/> TSC1
<input type="checkbox"/> CFTR	<input type="checkbox"/> CSF2RA	<input type="checkbox"/> DNAH11	<input type="checkbox"/> ELN	<input type="checkbox"/> HPS4	<input type="checkbox"/> NME8	<input type="checkbox"/> RSPH4A	<input type="checkbox"/> SFTPA1	<input type="checkbox"/> SMAD4	<input type="checkbox"/> TSC2
<input type="checkbox"/> CHAT	<input type="checkbox"/> CSF2RB	<input type="checkbox"/> DNAI1	<input type="checkbox"/> FBLN5	<input type="checkbox"/> ITGA3	<input type="checkbox"/> PARN	<input type="checkbox"/> RSPH9	<input type="checkbox"/> SFTPA2	<input type="checkbox"/> SMPD1	<input type="checkbox"/> ZEB2
<input type="checkbox"/> CHRNA1	<input type="checkbox"/> DKC1	<input type="checkbox"/> DNAI2	<input type="checkbox"/> FLCN	<input type="checkbox"/> LTBP4	<input type="checkbox"/> PHOX2B	<input type="checkbox"/> RTEL1	<input type="checkbox"/> SFTPB	<input type="checkbox"/> STAT3	
<input type="checkbox"/> CHRNB1	<input type="checkbox"/> DNAAF1	<input type="checkbox"/> DNALI1	<input type="checkbox"/> FOXF1	<input type="checkbox"/> MECP2	<input type="checkbox"/> PIH1D3	<input type="checkbox"/> SCN4A	<input type="checkbox"/> SFTPC	<input type="checkbox"/> TERC	

COMMONLY USED ICD10 (DIAGNOSIS) CODES

Please note, the icd-10 codes herein are solely for informational use. It is incumbent upon order practitioners to the diagnosis code that precisely justifies test conduct, regardless of its presence in the subsequent list.

CARDIOGENOMICS DISEASE

<input type="checkbox"/> I69.30 - Unspecified sequelae of cerebral infarction	<input type="checkbox"/> I35.2 - Nonrheumatic aortic stenosis with insufficiency	<input type="checkbox"/> R60.9 - Edema, unspecified
<input type="checkbox"/> I69.954 - Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting left non-dominant side	<input type="checkbox"/> I35.8 - Other Nonrheumatic aortic (valve) disorders	<input type="checkbox"/> R00.2 - Palpitations
<input type="checkbox"/> J42 - Unspecified chronic bronchitis	<input type="checkbox"/> I35.9 - Nonrheumatic aortic valve disorder, unspecified	<input type="checkbox"/> R06.02 - Shortness of breath
<input type="checkbox"/> I25.5 - Type 1 diabetes mellitus with diabetic neuropathy, unspecified	<input type="checkbox"/> I42.0 - dilated Cardiovascular	<input type="checkbox"/> R06.00 - Dyspnea, unspecified
<input type="checkbox"/> E78.5 - Hyperlipidemia, unspecified	<input type="checkbox"/> I42.5 - Other restrictive Cardiovascular	<input type="checkbox"/> R06.09 - Other forms of dyspnea
<input type="checkbox"/> I10 - Hypertensive diseases	<input type="checkbox"/> I42.9 - Supraventricular tachycardia	<input type="checkbox"/> R06.3 - Periodic breathing
<input type="checkbox"/> I25.10 - Atherosclerotic heart disease of native coronary artery without angina pectoris	<input type="checkbox"/> I49.2 - Junctional premature depolarization	<input type="checkbox"/> R06.83 - Snoring
<input type="checkbox"/> I50.9 - Heart failure, unspecified	<input type="checkbox"/> I48.0 - Paroxysmal atrial fibrillation	<input type="checkbox"/> R06.89 - abnormalities of breathing
<input type="checkbox"/> I49.9 - Cardiac arrhythmia, unspecified	<input type="checkbox"/> I48.2 - Chronic atrial fibrillation	<input type="checkbox"/> R07.9 - Chest pain, unspecified
<input type="checkbox"/> J44.9 - Chronic obstructive pulmonary disease, unspecified	<input type="checkbox"/> I49.91 - Unspecified atrial fibrillation	<input type="checkbox"/> R07.2 - Precordial pain
<input type="checkbox"/> J81.0 - Acute pulmonary edema	<input type="checkbox"/> I49.8 - Other specified cardiac arrhythmias	<input type="checkbox"/> R07.82 - Intercoastal pain
<input type="checkbox"/> R09.89 - Other specified symptoms and signs - involving the circulatory and respiratory systems	<input type="checkbox"/> R00.1 - Bradycardia, unspecified	<input type="checkbox"/> R07.89 - Other chest pain
<input type="checkbox"/> I25.6 - Silent Myocardial Ischemia	<input type="checkbox"/> I50.21 - Acute systolic (congestive) heart failure	<input type="checkbox"/> R94.31 - Nonspecific abnormal electrocardiogram (ECG)(EKG)
<input type="checkbox"/> I25.89 - Other forms of chronic ischemic heart disease	<input type="checkbox"/> I50.22 - Chronic systolic (congestive) heart failure	<input type="checkbox"/> Z79.01 - Long term (current) use of anticoagulants
<input type="checkbox"/> I25.9 - Chronic ischemic heart disease, unspecified	<input type="checkbox"/> I50.32 - Chronic diastolic (congestive) heart failure	<input type="checkbox"/> Z01.810 - Encounter for preprocedural cardiovascular examination
<input type="checkbox"/> I34.1 - Nonrheumatic mitral (valve) insufficiency	<input type="checkbox"/> I50.33 - Acute on chronic diastolic heart failure	<input type="checkbox"/> Z01.812 - Encounter for preprocedural laboratory examination
	<input type="checkbox"/> I51.9 - Heart disease, unspecified	<input type="checkbox"/> Z01.818 - Encounter for other preprocedural examination
	<input type="checkbox"/> I52 - Other heart diseases classified elsewhere	
	<input type="checkbox"/> R55 - Syncope and Collapse	
	<input type="checkbox"/> R60.0 - Localized edema	
	<input type="checkbox"/> E78.01 - Familial hypercholesterolemia	
	<input type="checkbox"/> R60.1 - Generalized edema	

PULMONARY DISEASE

<input type="checkbox"/> C34.1 - Malignant Neoplasm of upper lobe, right bronchus or lung	<input type="checkbox"/> J20.5 - Acute bronchitis due to respiratory syncytial virus
<input type="checkbox"/> C34.12 - Malignant Neoplasm of upper lobe, left bronchus or lung	<input type="checkbox"/> J20.6 - acute bronchitis due to rhinovirus
<input type="checkbox"/> C34.2 - Malignant Neoplasm of Middle lobe, bronchus or lung	<input type="checkbox"/> J20.7 - Acute bronchitis due to echovirus
<input type="checkbox"/> C34.31 - Malignant Neoplasm of lower lobe, right bronchus or lung	<input type="checkbox"/> J20.8 - Acute bronchitis due to other specified organisms
<input type="checkbox"/> C34.32 - Malignant Neoplasm of lower lobe, left bronchus or lung	<input type="checkbox"/> J20.9 - Acute bronchitis, unspecified
<input type="checkbox"/> E84.0 - Cystic Fibrosis with pulmonary manifestations	<input type="checkbox"/> J16.8 - Pneumonia due to other specified infectious organisms
<input type="checkbox"/> G47.33 - Obstructive sleep apnea	<input type="checkbox"/> J18.9 - Pneumonia, unspecified organism
<input type="checkbox"/> I27.0 - Primary Pulmonary Hypertension	<input type="checkbox"/> J40 - Bronchitis, not specified as acute or chronic
<input type="checkbox"/> J44.1 - Chronic Obstructive Pulmonary Disease with acute exacerbation	<input type="checkbox"/> J44.1 - Obstructive chronic bronchitis, with (acute) exacerbation
<input type="checkbox"/> J44.1 - Chronic Obstructive Pulmonary Disease with acute exacerbation	<input type="checkbox"/> J44.1 - Obstructive chronic bronchitis, with (acute) exacerbation
<input type="checkbox"/> J20.0 - Acute bronchitis due to Mycoplasma pneumoniae	<input type="checkbox"/> J45.20 - Mild Intermittent Asthma
<input type="checkbox"/> J20.1 - Acute bronchitis due to Hemophilus influenzae	<input type="checkbox"/> J45.23 - Mild Intermittent Asthma with status asthmaticus
<input type="checkbox"/> J20.3 - Acute bronchitis due to coxsackievirus	<input type="checkbox"/> J45.31 - Mild Persistent Asthma with acute exacerbation
<input type="checkbox"/> J20.4 - Acute bronchitis due to Parainfluenza virus	<input type="checkbox"/> J45.40 - Moderate persistent Asthma
<input type="checkbox"/> J20.5 - Acute bronchitis due to respiratory syncytial virus	<input type="checkbox"/> J45.42 - Moderate persistent Asthma with status asthmaticus
<input type="checkbox"/> J20.6 - Acute bronchitis due to rhinovirus	<input type="checkbox"/> J45.21 - Mild Intermittent Asthma with acute exacerbation
<input type="checkbox"/> J20.7 - Acute bronchitis due to echovirus	<input type="checkbox"/> J45.30 - Mild Persistent Asthma
<input type="checkbox"/> J20.8 - Acute bronchitis due to other specified organisms	<input type="checkbox"/> J45.32 - Mild Persistent Asthma with status asthmaticus
<input type="checkbox"/> J20.9 - Acute bronchitis unspecified	<input type="checkbox"/> J45.41 - Moderate persistent Asthma with acute exacerbation
<input type="checkbox"/> J28.0 - Acute pulmonary Edema	

<input type="checkbox"/> J45.52 - Severe persistent Asthma with status asthmaticus	<input type="checkbox"/> I34.9 - Nonrheumatic mitral valve disorder, unspecified
<input type="checkbox"/> J45.50 - Severe persistent Asthma	<input type="checkbox"/> I35.0 - Nonrheumatic aortic (Valve) stenosis
<input type="checkbox"/> R06.02 - Shortness of Breath	<input type="checkbox"/> J45.51 - Severe persistent Asthma with acute exacerbation
<input type="checkbox"/> R06.2 - Wheezing	<input type="checkbox"/> J45.909 - Unspecified asthma, uncomplicated
<input type="checkbox"/> R07.1 - Chest pain on breathing	<input type="checkbox"/> J44.9 - Chronic obstructive pulmonary disease, unspecified
<input type="checkbox"/> R07.81 - Pleurodynia	<input type="checkbox"/> E78.4 - Other Hyperlipidemia
<input type="checkbox"/> J45.20 - Mild Intermittent Asthma	<input type="checkbox"/> E87.1 - Hypo-osmolality and / or hypernatremia
<input type="checkbox"/> J45.23 - Mild Intermittent Asthma with status asthmaticus	<input type="checkbox"/> G89.29 - Other Chronic Pain
<input type="checkbox"/> J45.31 - Mild Persistent Asthma with acute exacerbation	<input type="checkbox"/> I25.5 - Ischemic Cardiovascular
<input type="checkbox"/> J45.40 - Moderate persistent Asthma	<input type="checkbox"/> J90 - Pleural effusion, not elsewhere classified
<input type="checkbox"/> J45.42 - Moderate persistent Asthma with status asthmaticus	<input type="checkbox"/> J98.11 - Atelectasis
<input type="checkbox"/> J45.21 - Mild Intermittent Asthma with acute exacerbation	<input type="checkbox"/> J98.19 - Other pulmonary collapse
<input type="checkbox"/> J45.30 - Mild Persistent Asthma	<input type="checkbox"/> J98.2 - Interstitial emphysema
<input type="checkbox"/> J45.32 - Mild Persistent Asthma with status asthmaticus	<input type="checkbox"/> J95.84 - Transfusion related acute lung injury (TRALI)
<input type="checkbox"/> J45.41 - Moderate persistent Asthma with acute exacerbation	<input type="checkbox"/> J96.00 - Acute respiratory failure, unspecified whether with hypoxia or hypercapnia
<input type="checkbox"/> J45.52 - Severe persistent Asthma with status asthmaticus	<input type="checkbox"/> J96.0 - Acute respiratory failure
<input type="checkbox"/> J45.50 - Severe persistent Asthma	<input type="checkbox"/> J96.02 - Acute respiratory failure with hypercapnia
<input type="checkbox"/> J45.51 - Severe persistent Asthma with acute exacerbation	<input type="checkbox"/> J98.4 - Other disorders of lung
<input type="checkbox"/> R22.2 - Localized swelling, mass and lump, trunk	<input type="checkbox"/> J96.10 - Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia
<input type="checkbox"/> R09.02 - Hypoxemia	<input type="checkbox"/> J96.11 - Chronic respiratory failure with hypoxia
<input type="checkbox"/> R91.8 - Nonspecific abnormal finding of lung field in diagnostic imaging	<input type="checkbox"/> J96.12 - Chronic respiratory failure with hypercapnia
<input type="checkbox"/> R94.2 - Abnormal results of pulmonary function studies	<input type="checkbox"/> J96.20 - Acute/Chronic respiratory failure, unspecified whether with hypoxia or hypercapnia
<input type="checkbox"/> A41.9 - Sepsis, unspecified organism Malignant neoplasm of trachea, bronchus, lung	<input type="checkbox"/> J96.21 - Acute/Chronic respiratory failure with hypoxia
<input type="checkbox"/> C33 Trachea	<input type="checkbox"/> J96.22 - Acute/Chronic respiratory failure with hypercapnia
<input type="checkbox"/> C34.00 - unspecified main bronchus	<input type="checkbox"/> J98.4 - Other disorders of lung
<input type="checkbox"/> C34.10 - Upper lobe unspecified bronchus or lung	<input type="checkbox"/> N17.9 - Acute kidney failure, unspecified
<input type="checkbox"/> C34.2 - Middle lobe bronchus or lung	<input type="checkbox"/> R06.02 - Shortness of breath
<input type="checkbox"/> C34.30 - Lower lobe bronchus or lung	<input type="checkbox"/> R06.2 - Wheezing
<input type="checkbox"/> C34.80 - Overlapping sites of unspecified bronchus or lung	<input type="checkbox"/> R05 - Cough
<input type="checkbox"/> E84.0 - Cystic fibrosis with pulmonary manifestation	<input type="checkbox"/> R07.1 - Chest pain on breathing
<input type="checkbox"/> G47.33 - Obstructive sleep apnea (adult) (pediatric)	<input type="checkbox"/> R07.81 - Pleurodynia
<input type="checkbox"/> I26.99 - Other pulmonary embolism without acute cor pulmonale	<input type="checkbox"/> R22.2 - Localized swelling, mass and lump, trunk (chest mass) (localized swelling of chest)
<input type="checkbox"/> I27.0 - Primary pulmonary hypertension	<input type="checkbox"/> R91.8 - Other nonspecific abnormal finding of lung field(lung mass)
<input type="checkbox"/> I95.9 - Hypotension, unspecified	<input type="checkbox"/> R91.1 - Solitary pulmonary nodule
<input type="checkbox"/> J20.0 - Acute bronchitis due to Mycoplasma pneumoniae	<input type="checkbox"/> R91.8 - Other nonspecific abnormal finding of lung field
<input type="checkbox"/> J20.0 - Acute bronchitis due to Mycoplasma pneumoniae	<input type="checkbox"/> R94.2 - Abnormal results of pulmonary function studies
<input type="checkbox"/> J20.1 - Acute bronchitis due to Hemophilus influenzae	<input type="checkbox"/> R09.02 - Hypoxemia
<input type="checkbox"/> J20.2 - Acute bronchitis due to streptococcus	<input type="checkbox"/> J98.4 - Other disorders of lung
<input type="checkbox"/> J20.3 - Acute bronchitis due to coxsackievirus	<input type="checkbox"/> R65.20 - Severe sepsis without septic shock (sequence the underlying infection first)
<input type="checkbox"/> J20.4 - Acute bronchitis due to parainfluenza virus	<input type="checkbox"/> Z85.118 - Personal history of malignant neoplasm of bronchus and lung
<input type="checkbox"/> I34.1 - Nonrheumatic mitral (valve) prolapse	<input type="checkbox"/> Z79.01 - Long-term (current) use of anticoagulants
<input type="checkbox"/> I34.2 - Nonrheumatic mitral (valve) stenosis	<input type="checkbox"/> I35.1 - Nonrheumatic aortic (Valve) Insufficiency
<input type="checkbox"/> I35.8 - Other nonrheumatic mitral valve disorders	
<input type="checkbox"/> R05 - Cough	

ADDITIONAL ICD10 CODES: _____

PATIENT CONSENT

REQUIRED

By signing this form, I acknowledge that the information provided by me is true and correct. I have read, or have had read to me, the Preventive Genomics Informed Consent document at the end of this test requisition form and understand the information regarding molecular genetics testing. For direct insurance billing: I authorize my insurance benefits to be paid directly to Preventive Genomics and their affiliates. I authorize Preventive Genomics to release medical information concerning my testing to my insurer, to act as my designated representative for the purpose of appealing any denial of benefits as needed, and to request additional medical records for this purpose. I understand that I am financially responsible for any amounts not covered by my insurer and responsible for sending Preventive Genomics and their affiliates any money received from my health insurance company. I also give permission for my specimen and clinical information to be used in de-identified studies at Preventive Genomics and their affiliates for publication, if appropriate. I have had the opportunity to ask questions about the testing, the procedure, the risks, and the alternatives. I authorize Preventive Genomics and their affiliates to perform the testing as ordered.

Signature

Date

CERTIFICATE OF MEDICAL NECESSITY, CONSENT, TEST AUTHORIZATION AND PHYSICIAN SIGNATURE

REQUIRED

The individual signing this form, or their representative, hereby confirms their status as a licensed medical professional authorized to order genetic testing and confirms that the patient has provided informed consent for the testing and that it is medically necessary. They certify that any custom panel and/or ordered test(s) requested on this test requisition form are reasonable and medically necessary for the diagnosis and/or treatment of a disease, illness, impairment, symptom, syndrome, or disorder. They acknowledge that the test results may have an impact on the patient's medical management. The information provided on this form is accurate to the best of their knowledge. The signature on this form applies to the attached letter of medical necessity. If the insurance provider requests the laboratory to gather the medical necessity for any reason, the signer agrees to provide the Care Plan notes and Letter of Intent for this order.

Signature

Date

INFORMED CONSENT

For the purposes of this consent, “I”, “my”, and “your” will refer to me or to my child, including my unborn child, if my child is the person for whom the healthcare provider has ordered testing.

PURPOSE OF THIS TEST

The purpose of this test is (a) to see if I may have a genetic variant or chromosome rearrangement causing a genetic disorder; or (b) to evaluate the chance that I will develop or pass on a genetic disorder in the future. If I already know the specific gene variant(s) or chromosome rearrangement that causes the genetic disorder in my family, I agree to inform the laboratory of this information.

WHAT TYPE OF TEST RESULTS CAN I EXPECT FROM GENETIC TESTING?

1. Positive: A change in your DNA was found, which is very likely the cause of your features/symptoms. This is the most straightforward test result, which can be used as the basis to test other family members to determine their chances of having either the disease or a child with the disease.
2. Negative: No variants were found to explain your symptoms. This does not mean that you do not have a genetic condition. It is still possible that there is a genetic variant not found by the test that was ordered. Your healthcare provider or genetic counselor may discuss more testing either now or in the future.
3. Variant of Uncertain Significance (VUS): A change in a gene was found. However, we are not sure whether this variant is the cause of your symptoms/features. More information is needed. We may suggest testing other family members to help figure out the meaning of the test result.
4. Unexpected Results: In rare instances, this test may reveal an important genetic change that is not directly related to the reason for ordering this test. For example, this test may find you are at risk for another genetic condition I am not aware of or it may indicate differences in the number or rearrangement of sex chromosomes.

We may disclose this information to the ordering healthcare provider if it likely affects medical care.

Because medical and scientific knowledge is constantly changing, new information that becomes available may supplement the information Preventive Genomics used to interpret my results. Healthcare providers can contact Preventive Genomics at any time to discuss the classification of an identified variant.

WHAT IS TRIO/DUO-BASED GENETIC TESTING?

For some genetic tests, including samples from the biological parents and/or other biological relatives along with the patient's sample can help with the interpretation of the test results. These tests are often referred to as “trio tests” since they typically include samples from the patient and both parents. Samples from relatives should be submitted with the patient's sample. Clinical information must be provided for the patient and any relative who submits a sample.

I understand that Preventive Genomics will use the relative sample(s) when needed for the interpretation of my test results and that my test report may include clinical and genetic information about a relative when it is relevant to the interpretation of the test results. I further understand that relatives will not receive an independent analysis of data nor a separate report.

RISKS AND LIMITATIONS OF GENETIC TESTING

RISKS AND LIMITATIONS OF GENETIC TESTING

1. In some cases, testing may not identify a genetic variant even though one exists. This may be due to limitations in current medical knowledge or testing technology.
2. Accurate interpretation of test results may require knowing the true biological relationships in a family. I understand that if I fail to accurately state the biological relationships in my family, it could lead to incorrect interpretation of the test results, incorrect diagnoses, and/or inconclusive test results. If genetic testing reveals that the true biological relationships in a family are not as I reported them, including non-paternity (the reported father is not the biological father) and consanguinity (the parents are related by blood), I agree to have these findings reported to the healthcare provider who ordered the test.
3. Although genetic testing is highly accurate, inaccurate results may occur. These reasons include, but are not limited to mislabeled samples, inaccurate reporting of clinical/medical information, rare technical errors, or other reasons.
4. I understand that this test may not detect all of the long-term medical risks that I might experience. The result of this test does not guarantee my health and that additional diagnostic tests may still need to be done.
5. I agree to provide an additional sample if the initial sample is not adequate.

PATIENT CONFIDENTIALITY AND GENETIC COUNSELING

It is recommended that I receive genetic counseling before and after having this genetic test. I can find a genetic counselor in my area at www.nsgc.org. Further testing or additional consultations with a healthcare provider may be necessary. To maintain confidentiality, test results will only be released to the referring healthcare provider, the ordering laboratory, to me, to other healthcare providers involved in my care, diagnosis and treatment, or to others with my consent or as permitted or required by law. Federal laws prohibit unauthorized disclosure of this information. More information can be found at: www.genome.gov/10002077

INTERNATIONAL SAMPLES

If I reside outside the United States, I attest that by providing a sample for testing, I am not knowingly violating any export ban or other legal restriction in the country of my residence.

SAMPLE RETENTION

After testing is complete, my sample may be de-identified and be used for test development and improvement, internal validation, quality assurance, and training purposes. Preventive Genomics will not return DNA samples to you or to referring healthcare providers, unless specific prior arrangements have been made.

I understand that samples from residents of New York State will not be included in the de-identified research studies described in this authorization and Preventive Genomics will not retain them for more than 60 days after test completion, unless specifically authorized by my selection. The authorization is optional, and testing will be unaffected if I do not check the box for the New York authorization language. Preventive Genomics will not perform any tests on the biological sample other than those specifically authorized.

DATABASE PARTICIPATION

De-identified health history and genetic information can help healthcare providers and scientists understand how genes affect human health. Sharing this deidentified information helps healthcare providers to provide better care for their patients and researchers to make new discoveries. Preventive Genomics shares this type of information with healthcare providers, scientists, and healthcare databases. Preventive Genomics will not share any personally identifying information and will replace the identifying information with a unique code not derived from any personally identifying information. Even with a unique code, there is a risk that I could be identified based on the genetic and health information that is shared. Preventive Genomics believes that this is unlikely, though the risk is greater if I have already shared my genetic or health information with public resources, such as genealogy websites.

EXOME/GENOME SEQUENCING SECONDARY FINDINGS

- Applicable only for full exome sequencing and genome sequencing tests
- Does not pertain to Xpanded® or Slice tests

As many different genes and conditions are analyzed in an exome or genome sequencing test, these tests may reveal some findings not directly related to the reason for ordering the test. Such findings are called "incidental" or "secondary" and can provide information that was not anticipated.

Secondary findings are variants, identified by an exome or genome sequencing test, in genes that are unrelated to the individual's reported clinical features.

The American College of Medical Genetics and Genomics (ACMG) has recommended that secondary findings identified in a specific subset of medically actionable genes associated with various inherited disorders be reported for all probands undergoing exome or genome sequencing. Please refer to the latest version of the ACMG recommendations for reporting of secondary findings in clinical exome and genome sequencing for complete details of the genes and associated genetic disorders. Reportable secondary findings will be confirmed by an alternate test method when needed.

WHAT WILL BE REPORTED FOR THE PATIENT?

All pathogenic and likely pathogenic variants associated with specific genotypes identified in the genes (for which a minimum of 10X coverage was achieved by exome sequencing or a minimum of 15X coverage was achieved by genome sequencing), as recommended by the ACMG.

WHAT WILL BE REPORTED FOR RELATIVES?

The presence or absence of any secondary finding(s) reported for the proband will be provided for all relatives analyzed by an exome or genome sequencing test.

LIMITATIONS

Pathogenic and/or likely pathogenic variants may be present in a portion of the gene not covered by this test and therefore are not reported. The absence of reportable secondary findings for any particular gene does not mean there are no pathogenic and/or likely pathogenic variants in that gene. Pathogenic variants and/or likely pathogenic variants that may be present in a relative, but are not present in the proband, will not be identified nor reported. Only changes at the sequence level will be reported in the secondary findings report. Larger deletions/duplications, abnormal methylation, triplet repeat or other expansion variants, or other variants not routinely identified by clinical exome and genome sequencing will not be reported.

FINANCIAL AGREEMENT AND GUARANTEE

For insurance billing, I understand and authorize Preventive Genomics to bill my health insurance plan on my behalf, to release any information required for billing, and to be my designated representative for purposes of appealing any denial of benefits. I irrevocably assign to and direct that payment be made directly to Preventive Genomics.

I understand that my out-of-pocket costs may be different than the estimated amount indicated to me by Preventive Genomics as part of a benefit investigation. I agree to be financially responsible for any and all amounts as indicated on the explanation of benefits issued by my health insurance plan. If my insurance provider sends a payment directly to me for services performed by Preventive Genomics on my behalf, I agree to endorse the insurance check and forward it to Preventive Genomics within 30 days of receipt as payment towards Preventive Genomics claim for services rendered.

If I do not have health insurance, I agree to pay for the full cost of the genetic testing that was ordered by my healthcare provider and billed to me by Preventive Genomics. I further understand and agree that, if I fail to make payment for genetic testing, in accordance with the payment policies of Preventive Genomics, my account may be turned over to an external collection agency for non-payment. I agree to pay any associated collection costs, including attorney fees. By my signature on the Preventive Genomics Test Requisition Form or at the bottom of this form, I accept full and complete financial responsibility for all genetic testing ordered by my healthcare provider.