

**CYSTIC FIBROSIS CARRIER SCREEN**

August 17, 2011

Dear Colleague:

Pathology, Inc. is pleased to announce the addition of our **Cystic Fibrosis Carrier Screen** test to our Women's Health Menu:

**[5401] Cystic Fibrosis Carrier Screen:** Tests for the presence of 40 known CF mutations and 4 variants (polymorphisms). CF carrier screening is part of the American College of Obstetricians and Gynecologists (ACOG) and American College of Medical Genetics (ACMG) guidelines. ACOG recommends that all women of reproductive age should be offered preconception and prenatal CF screening, regardless of ethnicity. This assay tests for the 23 ACMG recommended mutations, plus an expanded panel of 4 variants and 17 additional common pan-ethnic mutations commonly found in Hispanic, African-American and Asian populations.

We thank you for choosing Pathology, Inc. and look forward to your continued support. For additional information, please visit our website at [www.pathologyinc.com](http://www.pathologyinc.com) or contact client services at 877-922-7284.

Sincerely,



Alfred Lui, M.D.  
Chief Medical Officer

# New Tests (Pathology, Inc.)

## 5401 Cystic Fibrosis Carrier Screen

(Available 8/22/2011)

<b>Component</b>	<b>Method</b>	<b>Reference Range</b>
Cystic Fibrosis gene	Invader/InPlex® Technology and multiplex PCR	<b>Negative for mutations analyzed</b>

Specimen/Stability	5 mL (3mL minimum) Whole blood EDTA or ACD. Please <b>use a dedicated tube of blood</b> for CF testing. Transport at ambient temperature. If delayed more than 24 hours, store and transport refrigerated. <b>Do not freeze specimens.</b> Stable up to 7 days if refrigerated.
Collection Instructions	Lavender or Yellow Top Tube
Schedule	Tues, Thurs
Report	3-5 days
Clinical Utility	Tests for the presence of 40 known CF mutations and 4 variants (polymorphisms). CF carrier screening is part of the ACOG and ACMG guidelines. ACOG recommends that all women of reproductive age should be offered preconception and prenatal CF screening, regardless of ethnicity. This assay tests for the 23 ACMG recommended mutations, plus an expanded panel of 4 variants and 17 additional common pan-ethnic mutations commonly found in Hispanic, African-American and Asian populations.