

**SPECTRUM HEALTH**





SPECTRUM HEALTH

# Laboratory Catalog Tutorial

Spectrum Health  
Laboratory Services

2016

# The Lab Catalog is more than a list of tests!

It includes:

- Specimen collection requirements
- Special information
- Quick reference and educational guides
- Special collection forms and requisitions
- Critical values, reflexes and panel information

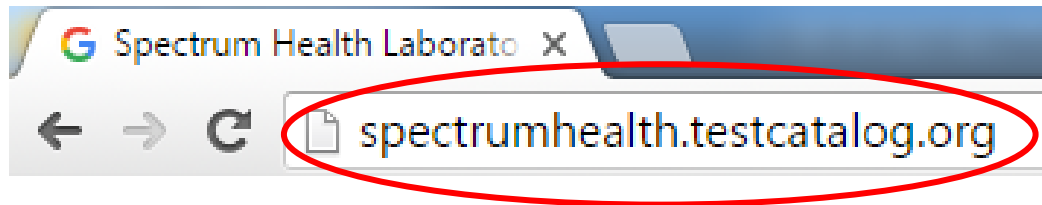
# The Lab Catalog is more than a list of tests!

**Specimen collection requirements** are updated in real-time, so you never have to worry about outdated information!

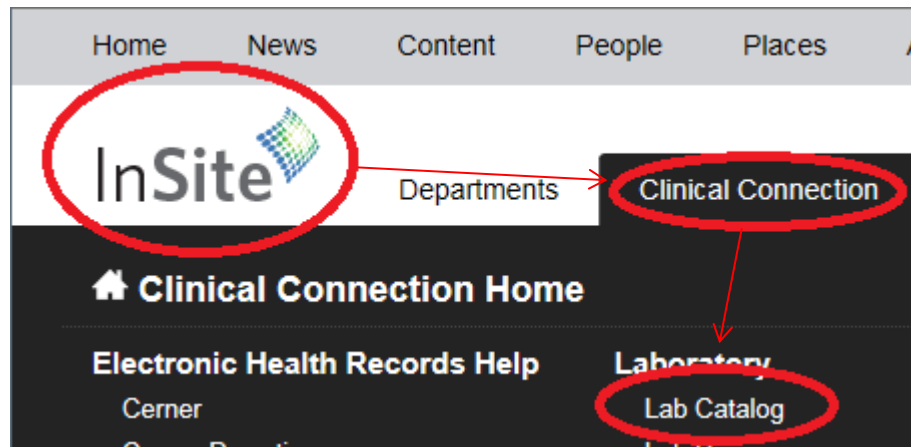
**Special information** located right at the top of the screen, for tricky tests that can save you and the patient trouble!

# Easy to use steps

- Externally: Go to [spectrumhealth.testcatalog.org](https://spectrumhealth.testcatalog.org)

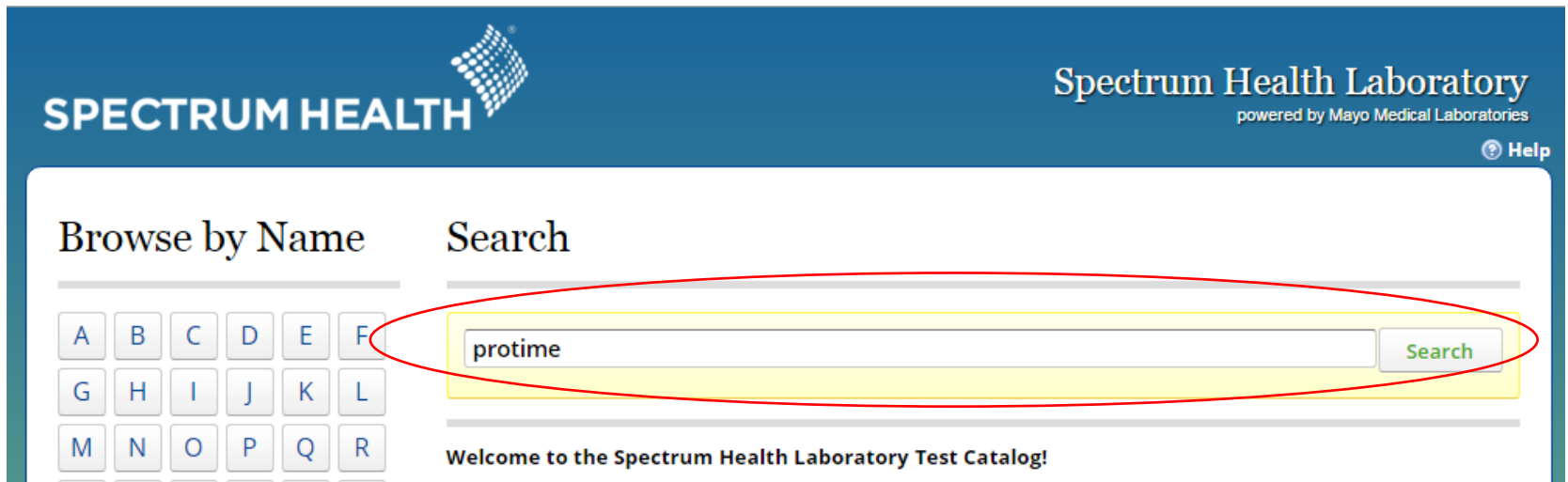


- Internally: Go to [InSite](#) → [Clinical Connections](#) → [Lab Catalog](#)



# Easy to use steps

- Use the search box to find your test.
  - You can use the test name, an alias, test code, even Epic order code!
- Type in the search box and click Search or hit enter.



# Easy to use steps

- Choose your test



The screenshot shows the Spectrum Health website's search interface. At the top, the Spectrum Health logo and name are visible. Below the logo is a navigation link for 'Home'. The main search area is titled 'Search' and shows the search term 'protime' entered into a text box, with a 'Search' button next to it. To the right of the search box, the text 'Searching for *protime* 3 results' is displayed. Below this, a list of three search results is shown, each with a numerical ID, a test name, and the location 'Spectrum Health Laboratory'. The first result is '4118 Mixing Studies, PT', the second is '8434 Prothrombin Time (PT with INR)', and the third is '78 Prothrombin G20210A'. A red oval highlights the search input box and the first result.

Search	Searching for <i>protime</i> 3 results
<input type="text" value="protime"/> <input type="button" value="Search"/>	4118 Mixing Studies, PT Spectrum Health Laboratory
	8434 Prothrombin Time (PT with INR) Spectrum Health Laboratory
	78 Prothrombin G20210A Spectrum Health Laboratory


Browse by Name

# Find this information easily within the test

■ Test Name → Prothrombin Time (PT with INR) → Test Code 8434

■ Test Code

■ Important Notes →

 **Important Note**

Specimen tube must be full. The ratio of blood to anticoagulant is critical. Increased or decreased volumes of anticoagulant will cause erroneous results.

■ Additional Test codes

### Additional Test Codes

**CDM:** 4098434  
**Epic:** LAB320  
**Interface:** 10059  
**MayoAccess:** SHO8434

■ Specimen Requirements

### Specimen Requirements

**Specimen Type:** Platelet Poor Plasma  
**Container/Tube:** Blue top (3.2% Sodium Citrate)  
**Volume:** 4.5 mL Whole Blood (**Tube must be full**)  
**Minimum volume:** 1.8 mL Whole Blood (**Tube must be full**)  
**Collection Instructions:** Draw blood in 1 Blue top (3.2% Sodium Citrate) tube. Tube must be properly filled. Specimen should be tested within 24 hours. If plasma is not tested within 24 hours of collection, aliquot in 1-2 plastic tubes with a minimum of 0.5 mL plasma in each tube and freeze immediately. Please indicate anticoagulant therapy. If PT is drawn in conjunction with APTT use APTT specimen requirements for handling instructions.

■ Specimen Type

■ Container/Tube

■ Volume

■ Minimum Volume

■ Collection Instructions

■ Special Instructions

### Special Instructions

INR value is clinically relevant ONLY when patient is on warfarin. To obtain a hemostasis plasma sample, centrifuge the capped specimen tube at a speed and time required to consistently produce platelet-poor plasma (platelet count < 10,000/uL). The centrifugal speed and duration to accomplish this must be established by the individual laboratory. Our laboratories use centrifuges at 3,000 to 4,000 rpm for ten minutes or higher speed and shorter duration centrifuges.



# Find this information easily within the test (cont.)

- Specimen Transport Temperature → **Specimen Transport Temperature**  
Ambient (up to 24 hours in whole blood state)  
Frozen (plasma only >24 hour post collection)

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- Specimen Stability → **Specimen Stability**
  - How long is the specimen good for?
- Laboratory Retention → **Laboratory Retention**
  - How long does the lab keep the specimen

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- Performing Department → **Performing Department**  
SHRL Hemostasis  
Spectrum Health Regional Laboratory, Grand Rapids  
  
Also performed at  
Spectrum Health Big Rapids Laboratory (SHBR)  
Spectrum Health Blodgett Laboratory (SH BIRL)  
Spectrum Health Gerber Laboratory (SHGH)  
Spectrum Health Kelsey Laboratory (SHKH)  
Spectrum Health Reed City Laboratory (SHRC)  
Spectrum Health United Laboratory (SHUH)  
Spectrum Health Zeeland Community Laboratory (SHZCH)

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- Test Frequency and Turn Around Time (TAT) → **Test Frequency**  
Available 24 hours, usual TAT 1 day.

# Find this information easily within the test (cont.)

- Reference Range → **Reference Range**  
PT: 9.7-12.6 seconds
- Reflex Information → **INR:**  
Low Intensity anticoagulation therapeutic range: 2.0-3.0  
High Intensity anticoagulation therapeutic range: 2.5-3.5  
*Normal range: 0.9-1.2 \*INR value is clinically relevant only when patient is on warfarin*
- Methodology → **Laboratory Critical Values Table**  

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**Reflex Information**  
MEC approved reflex  
Mandatory Reflex Information  
  
Cerner will automatically order a PT/INR when:  
The rule is evoked upon administration of a warfarin dose being signe
- CPT → **Methodology**  
Prothrombin clot-based assay
- And more! → **CPT**  
85610

# Resources and Reference Material

Some tests also include resources and reference material

For example if you look at test #47, [Pap Test – No Reflex HPV](#)

It has a “Resources” section on the left that contains information pertinent to that test and includes:

- Journal Articles
- Patient Handouts
- Reference Material
- Detailed Collection Instructions
- Memos

## Resources

[Cytology Test Listing →](#)

[Screening Guides for Cervical Cancer Mar. 2012 →](#)

[ACOG Practice Bulletin No. 109, Dec. 2009 →](#)

[ASCCP Consensus Guidelines Mar. 2013 →](#)

[Patient Handout Well Woman Exam Pamphlet →](#)

[ACOG FAQ \(FAQ085\) →](#)

[ASCCP Algorithms Apr. 2013 →](#)

[ASCCP Website →](#)

[Hologic: Appropriate Use of Lubricant for Pap Collection Letter →](#)

## Pap Test - No

### Additional Test Co

**CDM:** Not available  
**Epic:** LAB4  
**MayoAccess:** Not availat

### Specimen Require

**Gynecological Collection**  
 Includes vaginal/cervical  
 Suggestions for adequate

- Patient should avoid c
- Do Pap smear prior to
- Visualize entire cervix
- Do ectocervical scrap
- Small amounts of blo
- Use of lubricating jelly
- Do **not** use wooden c

### Thin Prep Pap Test Colle

# More resources available to you!

Along with test specific resources, there is also another set of links on the left side.

These links will appear on the front page and also on every test page.

This section contains general guides, reference materials, educational information and patient handouts.

## LAB COMMUNICATIONS

- [Laboratory News](#)
- [Laboratory Memos](#)
- [Annual Letter to Physicians](#)

## COLLECTION & HANDLING

- [Forms & Requisitions](#)
- [Collection Quick Guides](#)
- [Referral/Sendout Guide](#)
- [Collection Guide Outpatient](#)
- [Collection Guide Inpatient](#)
- [Specimen Labeling](#)
- [Microtainer Labeling](#)
- [Quality Specimens = Quality Results](#)
- [Specimen Bags and Lockbox](#)
- [Delivery from Home Health Entities](#)

## SPECIAL COLLECTION FORMS

- [Additional/Add-on Test](#)
- [Blood Bank Specimen](#)
- [Hydrogen Breath Test](#)
- [Kidney Stone Analysis](#)
- [One Hour Gestational Blood](#)

# Left menu highlights

Keep up-to-date on all of the new, discontinued and updated tests and specimen collections, along with other important information in our monthly newsletter. Just look under [Laboratory Communications](#).

## Laboratory News

[Volume 2 Issue 12 – Dec 2015]

*Monthly updates and information from Spectrum Health Regional Laboratory*

### In this issue

#### Page 1:

- **Compliance**

Patient safety

#### Page 2:

- **Chemistry News**

Discontinued Test

- **Cytology News**

Pap Test Reference Letter

#### Page 3:

### Compliance

#### **Patient Safety: Quality Specimens = Quality Results**

From collection to transport, Spectrum Health Laboratories expect quality specimens. A quality specimen is one that has been collected and transported, keeping specimen integrity and patient identification intact.

#### **Collection**

Please visit [spectrumhealth.testcatalog.org](http://spectrumhealth.testcatalog.org) for complete specimen collection instructions, always double check the catalog prior to collecting a specimen.

# Left menu highlights




Under [Collection and Handling](#), you'll find a link to

- Forms and Requisitions
- Collection Quick Guides
- Labeling Guides
- Transport and Drop-off Guides

# Left menu highlights

For example under [Collection Quick Guides](#) is our [Microbiology Collection Quick Guide](#). This is a one page (front and back) guide that has specimen type, test to order and a photo of the collection device.

**What do I use to collect a Microbiology and Virology Specimen?**

Specimen Type	General Test Associated	Collection	Photo <i>Photos for reference. Always check labels</i>
Swab  <i>A submission of a fluid, tissue or biopsy is preferred over swabs. See below for viral specimen swab collection. See other side for tissue collection.</i>	<ul style="list-style-type: none"> <li>Anaerobe culture</li> <li>Genital Culture</li> <li>Wound Culture</li> <li>Bordetella pertussis PCR</li> <li>Ciprofloxacin Screen</li> <li>Fungal Culture - not hair, skin nail (oral or genital swab)</li> <li>Group B Strep, PCR (GBS)</li> <li>Group B Strep, Penicillin Allergy PCR</li> <li>Staph. aureus Screen</li> <li>Strep A Screen (Vag/Crvx)</li> <li>Misc. Culture</li> <li>MRSA Screen</li> </ul>	<p>eSwab™ - Standard Tip Swab OR eSwab™ - Mini Tip Swab (preferable for pediatric and nasopharyngeal collection.)</p> <p><i>(Directions: Remove tube from wrapper. Label with patient information. Remove swab aseptically and collect sample. Place the swab in the tube so that it reaches to the bottom. Break off the swab at edge of tube at the molded mark. Screw cap on the tube tightly and send tube with swab inside to Laboratory)</i></p> <p><i>Please indicate source of specimen. Swabs are not appropriate for AFB Cultures</i></p>	 <p>eSwab™ Standard Tip (Top, white cap) Mini Tip (Bottom, blue cap)</p>
Swab Throat	<ul style="list-style-type: none"> <li>Strep A Rapid</li> <li>Strep A Screen, Culture if Negative</li> <li>Throat Culture</li> </ul>	<p>Use the swab provided in the kit</p> <p>eSwab™ - Standard Tip Swab OR eSwab™ - Mini Tip Swab (preferable for pediatric and nasopharyngeal collection.)</p> <p><i>Please indicate source of specimen</i></p>	
	<ul style="list-style-type: none"> <li>CMV Culture</li> <li>Chlamydia Culture</li> <li>Chlamydia pneumoniae PCR</li> <li>Herpes Simplex Virus (HSV) Culture</li> <li>Film Array***</li> </ul>	<p>UTM with regular flocked swab</p> <p>Red top tube with pink liquid including a flocked swab, stored at room temperature in a clear bag labeled UTM (Universal Transport Media). Send tube and swab together.</p>	

# Left menu highlights

## Special Collection Forms for Patient Home Collection

- Urine Collection
- Stool Collection
- Sputum Collection

Ready to print and hand to the patient!



# Left menu highlights

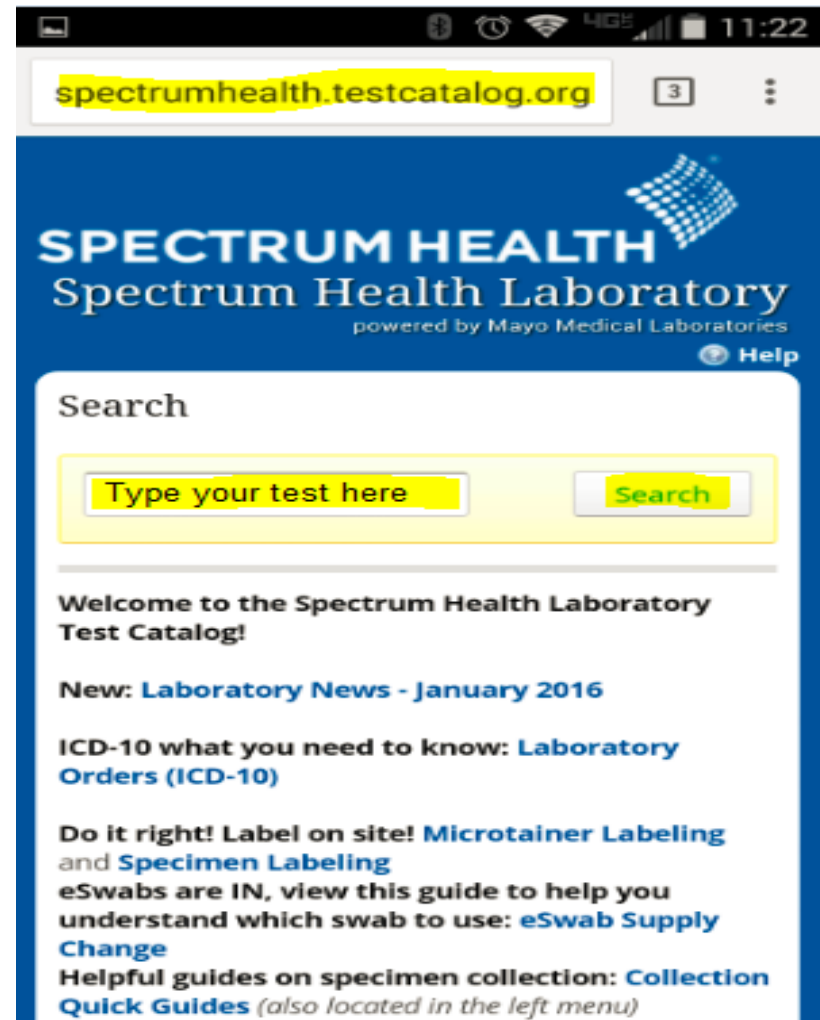
- CLIA, CAP, and The Joint Commission Licenses
- Laboratory Services and Policies
- Panel, Reflex and Critical Value Guides
- Links to our outpatient draw sites and our reference labs

# Available On Your Smartphone Too!

We are currently working on a smartphone app but the catalog is available using the web browser\* on your phone.

Just type in [spectrumhealth.testcatalog.org](http://spectrumhealth.testcatalog.org) in the URL!

Be sure to save it to your **favorites!**



# Remember to check the catalog!

- It Saves Time – no more waiting in a call queue for answers to your questions!
- Saves patients from being redrawn due to collection or order errors.

For questions or other inquiries please contact:

- Via Phone, Laboratory Call Center: **616.774.7721**
- Via Email: [LaboratoryServices@spectrumhealth.org](mailto:LaboratoryServices@spectrumhealth.org)

**Thank you for choosing  
Spectrum Health Laboratory!**

**SPECTRUM HEALTH**

