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COAGULATION

Protein S activity assay changes

QUICK REFERENCE

Currently, when a Protein S, Activity (5750/LAB5750) is ordered, the activity is performed with abnormal results reflexing to a Protein S, Free. Effective *February 2, 2021*, this test will be updated to reverse this testing order so that an abnormal Protein S, Free test reflexes to Protein S, Activity testing.

DETAILS

According to best practices, the preferred testing algorithm is to begin with Protein S, Free Antigenic testing reflexing to a Protein S, Activity test. The Protein S, Free Antigenic test is much less susceptible to interferences. It is free from interferences from high levels of unfractionated heparin, direct oral anti-coagulants (DOACs), Lepirudin and Argatran.

	Current	NEW
Test name	Protein S, activity	Protein S, free Ag w/ reflex to activity
Algorithm	A Protein S Activity is performed with abnormal results reflexing to Free Protein S testing	A Protein S, free test is performed with abnormal results reflexing to Protein S, activity testing
Reference range	Functional: Total Female: 50 - 120% Total Male: 60 - 120% Protein S Free (Antigenic): Male & Female: 60 - 120%	Protein S, activity: Female: 50 - 120% Male: 60 - 120% Protein S free (Antigenic): Female: 50 - 134% Male: 70 - 148%

MOLECULAR DIAGNOSTICS

Next generation sequencing (NGS) available

Allina Health Laboratory is pleased to share that we are now offering Next Generation Sequencing (NGS) for the detection of alterations in solid tumors. Identification of these alterations is critical for cancer care as these findings can direct the optimal use of targeted therapies for patients.

Several subpanels based on tumor specific needs can be ordered. These include panels for lung cancer, colorectal cancer, melanoma, gastrointestinal stromal tumors and others. In addition, the full panel of 52 genes or custom panels can be requested.

Lung:

- Lung adenocarcinoma targeted NGS panel: ALK, BRAF, EGFR, ERBB2, KRAS, HRAS, MET, NRAS, NTRK1/2/3, RET, ROS1
- Lung squamous cell carcinoma targeted NGS panel: BRAF, NTRK1/2/3

Gastrointestinal/Colorectal:

- Extended RAS/RAF NGS panel: BRAF, KRAS, NRAS, HRAS
- GIST targeted NGS panel: KIT, PDGFRA, BRAF

Melanoma:

- Melanoma targeted NGS panel: BRAF, KIT, NRAS, GNA11, GNAQ
- Melanoma BRAF NGS assay: BRAF only

Additional options:

- Solid tumor targeted NGS panel: 52 genes
- A la Carte NGS custom gene order

This testing is subject to medical necessity and may require preauthorization from insurance providers. Check the payer guidelines and, if needed, obtain the pre-authorization prior to sample collection.

The Allina Health Laboratory test catalog and Pathology add on test requests have been updated to include details for this new testing. Please place an order for updated requisitions and recycle or discard the old upon receipt.

If you have questions and would like to speak with one of our molecular pathologists regarding these tests, please call (612) 863-4670 and ask for Dr. Sarah Kerr or Dr. John Reinartz.

REFERRAL TESTING

Hemoglobinopathy fractionation profile no longer available

Effective immediately, the Hemoglobinopathy fractionation profile (13520/LAB13520), referred to LabCorp, is no longer available.

The suggested alternative test is the [Hemoglobin electrophoresis cascade, blood](#), referred to Mayo Clinic Laboratories (HBELC).

Hemoglobin electrophoresis cascade, blood, now available

Effective immediately, the [Hemoglobin electrophoresis cascade, blood](#), referred to Mayo Clinic Laboratories (HBELC), is available to order.

Test name:

Hemoglobin electrophoresis cascade, blood

Test number:

994

Excellian order number:

LAB994

Abbreviation:

MSO

Alternate names:

A2 Hemoglobin
Alpha Globin Variant
Alpha Thalassemia
Barts Hemoglobin
Beta Globin Variant
Beta Thalassemia
H Disease

Tests included:

- Hemoglobin A2
- Hemoglobin F
- Hemoglobin Electrophoresis

Useful for:

Diagnosis and comprehensive classification of thalassemias and hemoglobin variants

Vitamin B2, whole blood assay changes

LabCorp has announced multiple changes to the Vitamin B2, whole blood assay (13382/LAB13382) which went into effect on *January 18, 2021*.

	Previous	NEW
Method	High-pressure liquid chromatography (HPLC) with fluorescence detector	Liquid chromatography/tandem mass spectrometry
Volume	1.5 mL	0.5 mL
Minimum volume	1.0 mL	0.2 mL
Alternate specimen/ container	None	Heparin whole blood – Dk green
Processing		If amber tubes are unavailable, cover standard transport tube completely, top and bottom, with aluminum foil.

SUPPLIES

Supply orders

Due to recent process changes within our supply area, Allina Health Laboratory has been experiencing longer times for some orders to be filled. In order to help expedite this process, we would like to remind our clients of the following:

- Supplies used to submit specimens to Allina Health Laboratory can be ordered using our electronic [Supply catalog](#).
- Complete [Supply catalog instructions](#) can be found on our website under *Reference guides*
- When placing an order, you will be asked to provide your customer code
- Users can search all products using the search box on the Supply home page, or select a catalog category or subcategory from the left hand NavBar
- *Submitted orders are filled in 3-5 business days*
 - ◊ If you have not received your order within 5 business days, contact your account representative or client services for assistance; do not place another order as this will slow the process further
 - ◊ Due to the COVID-19 pandemic, many supplies are on manufacturer backorder. Backorders and notice of alternate products will be indicated in the supply catalog
- We request that clients monitor supplies and orders accordingly
 - ◊ Place only one order per week whenever possible. Reducing the number of orders received helps to expedite the supply fill and transport process

It is the policy of Allina Health Laboratory to consistently and fully comply with all laws and regulations pertaining to services, and billing for services and costs. In order to be compliant, a reference laboratory may only provide a client with supplies directly used in submitting the sample to the reference laboratory. We can not and will not provide supplies for testing not performed by Allina Health Laboratory.

If you have any questions regarding this information, or need assistance with the electronic supply catalog ordering process, contact your account representative.

Thank you for choosing Allina Health Laboratory
We value your business!