



Monthly Update



April
2018

URGENT: SYNTHETIC CANNABOID POISONING TESTING

The Anticoagulant Poisoning Panel should be ordered as **LAB1285 0406SP**. We will ensure the sample gets sent out as soon as possible and all results are being reported to the Center for Disease Control and the Illinois Department of Public Health.

BD tube recall does not affect lead testing at the OSF System Lab

We have received many calls regarding the recall of BD vacutainer tubes utilized for lead testing. The memo that was sent out did not originate in the OSF System Laboratory and was to inform medical offices of the recall, as many do point-of-care testing in their facility. The tube recall relates to the Magellan Lead Care II method which we do not use here at the System Laboratory. The recall does not impact lead testing here as we utilize the graphite furnace-atomic absorption method.

Mayo has new transport media requirements

Effective April 1st, Mayo no longer accepts T484-M5 viral transport media (green top). Only T605-M4-RT media (red top) will be accepted. Please check your supply of viral media transport kits and ensure that all M5 media (green top) is discarded. T650-M4-RT may be stored ambient, but should be shipped refrigerated once specimen has been added.

Special specimen requirements for OAP Mayo test

Ova and Parasite testing submitted to the OSF System Laboratory is sent to Mayo and requires special specimen preservation. A small portion of stool (5 ml min) must be placed in Ecofix Preservative within 30 minutes of passage. Follow the instructions on the collection container. It is strongly recommended that multiple specimen samples be submitted for Ova and Parasite analysis. Transport at Room Temperature. Please follow these guidelines for specimen collection/preservation in order to minimize rejected samples.

Specimen collection containers for Ova and Parasite testing are available from the OSF System Laboratory and can be ordered utilizing the newest version of the client or hospital supply order form.

Atlas Users:

All Atlas web-based submitters please be aware that the newest version of Atlas (updated in November of 2017) is only compatible with Internet Explorer 11. If you are experiencing difficulties, please ensure your Internet Explorer browser is up-to-date with the current Internet Explorer 11 version. If difficulties persist, please contact your clinical representative.

New Tests and Test Changes

Effective 3/22, OSF turned on the following Mayo tests:

- ETGS, Ethyl Glucuronide Screen, Urine, Mayo ETGS (LAB4880)
- CYCPK, Cyclosporine, Peak, Blood, Mayo CYCPK (LAB4882)

CLOM, Clomipramine, Serum, Mayo CLOM (LAB4881)

FADMK, ADmark Phospho-Tau/Total-Tau/A Beta 42, Analysis & Interpretation, CSF (Symptomatic), Mayo FADMK (LAB4879)

Effective April 5th, Mayo turned on the following tests:

- BRUGM, Brucella Antibody Screen, IgG and IgM, Serum, Mayo BRUGM (LAB4877)
- BRUTA, Brucella Total Antibody Confirmation, Agglutination, Serum, Mayo BRUTA (LAB4875)
- PNCSU, Pain Clinic Survey, Urine, Mayo PNCSU (LAB4873)

Questions about your bill?

Please contact our Patient Accounts and Access Center billing department at **(309) 683-6750**. The PAAC billing agents will be happy to assist you with your inquiry.

Clinical Reps:

Sabrina Mullins (309) 624-9144

Raechel Pfahl (309) 624-9100

Sales and Marketing Supervisor:

Gregg Simpson (309) 624-3927

Outreach Manager:

Michael Cohlman (309) 624-9042

Did you know when the brain competes with muscle power...

New research on our internal trade-off when physical and mental performance are put in direct competition has found that cognition takes less of a hit, suggesting more energy is diverted to the brain than body muscle. Researchers say the findings support the “selfish brain” theory of human evolution.

An investigation into the immediate trade-off that occurs inside us when we have to think fast and work hard at the same time is the first to demonstrate that-while both are impaired-our mental ability is less affected than our physical capacity. The findings suggest a “preferential allocation of glucose to the brain”, which they argue is likely to be an evolved trait, as prioritizing quick thinking over fast moving may have helped our species survive and thrive. The adult brain derives its energy almost exclusively from the metabolism of glucose. Skeletal muscle mass is also energetically expensive tissue, accounting for 20% of the adult human male basal metabolic rate (energy used when doing nothing). - *Paraphrased from didyouknow.org*

Reminder: Mint Green top and Gold top tubes MUST BE SPUN

Sending samples uncentrifuged is a risky process because couriers often have multiple stops in addition to the time it takes for the sample to be received in the OSF processing department and ultimately centrifuged. Even if the sample is sent in a STAT bag, there is still time needed at OSF to physically and electronically receive the specimen, especially when there may be a high volume of STATs at the time of receipt. While the number of specimen rejections due to an unspun tube being sent has decreased, there is still an occasional specimen that is rejected because of the two hour window being exceeded. These rejections that affect the patient are 100% avoidable.

Per our risk assessment and corrective action to ensure test results of the highest integrity and impact to the patient, every gold and mint green tube sample must be centrifuged prior to courier shipment. Unspun gold and mint green tubes sent to the system lab will be rejected.

Mayo announced test status change for test FGAGM effective April 3rd

Mayo test FGAGM, Ganglioside (Asialo-GM1, GM1, GM2, GD1A, GD1B, and GQ1B) antibodies, which Mayo refers to ARUP, had a test status change effective April 3rd. The Asialo-GM1 Antibodies IgG/IgM test result, which is a component of test ID FGAGM, will not be available until further notice. All other results of the profile will be released with the exception of the Asialo-GM1 antibodies IgG/IgM, which will be cancelled. The fee has been updated to reflect the omission of the Asialo-GM1 IgG/IgM component.

Our Send Out Department...

Our Send Out department processed over 71,400 samples last year. Only 1% had defects (short sample, wrong temp, etc.). Overall, the OSF System Laboratory only sends out approximately 1.7% of the total tests submitted! Everything else is performed here in-house.

New 1.8ml Sodium Citrate Tubes (Light Blue Top)

A new 1.8ml sodium citrate blood tube is available from the OSF System Laboratory and Central Supply. This new light blue top tube, with its inner tube, reduces the amount of blood needed for hard stick and pediatric patients. Collection process is the same as a normal blue top tube and the new light blue top has the same requirements for fill level, clot, etc. The new tube has been validated for use in routine coag (i.e. PT, PTT, FIB, Dimer, TT, AT3) and Blood Bank (TEG testing) instruments.

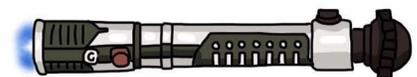
The most powerful weapons



Magic wand



Micropipette



Lightsaber

Keep in mind...

“Look up at the stars and not down at your feet. Try to make sense of what you see, and wonder about what makes the universe exist. Be curious.” -*Stephen Hawking*