HML UPDATE
For Our Valued HML Clients

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TEST PANEL NEWS - Tricyclic Antidepressants, Quantitative, Urine

Effective January 8, 2019 HealthEast Medical Laboratories is pleased to announce the build of Tricyclic Antidepressants, Quantitative, Urine panel as follows:

Panel Name: Tricyclic Antidepressants, Quantitative, Urine

Panel code: TCA

CPT code: 80337

Collection Requirements: Random Urine

Days Test Performed: Mon, Wed, Fri

SUBMIT: 2 mL random urine (no preservative) in ARUP standard transport tubes REFRIGERATED. Minimum volume 0.7 mL.

NOTE: Test useful for follow-up of presumptive results or for monitoring compliance.

Testing includes the following components:

Amitriptyline
Clomipramine
Desipramine
Doxepin
Imipramine
Norclomipramine
Nordoxepin
Nortriptyline
Protriptyline

Performing Location: ARUP LABS

HIV Quantitative Sample Overfilling and Lose Caps Issues

There has been a safety concern brought up in regards to samples for HIV Quantitative testing.

We are having issues with the lids not being placed on the tubes securely and tubes are periodically being overfilled so the tops are popping off when the samples are frozen.

The quantitative HIV tests are usually used to monitor the disease state so a high number are positive. Losing the caps increase the possibility of cross contamination and also exposure.

This is a good reminder for all aliquot tube tests. Please spread the word to your staff to make sure the caps are on securely and that the aliquot tubes are not overfilled.
Wave Seven Reference Laboratory Test Conversion

Change in performing lab, new panel and inactivated panel communication.

Effective 3/5/19, the following changes will be made to our test menu. Newly built panels are in red.

<table>
<thead>
<tr>
<th>Epic Code</th>
<th>ARUP code</th>
<th>Description</th>
<th>Epic Code</th>
<th>ARUP code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LAB3210</td>
<td>2012312</td>
<td>Pain Management Panel, Screen with Reflex to Quantitation</td>
<td>LAB3210</td>
<td>2012219</td>
<td>Carisoprodol and Meprobamate, Urine, Quantitative</td>
</tr>
<tr>
<td>LAB3211</td>
<td>2012068</td>
<td>Propoxyphene and Metabolite, Urine, Quantitative</td>
<td>LAB3213</td>
<td>2012319</td>
<td>Zolpidem, Urine, Quantitative</td>
</tr>
<tr>
<td>LAB3214</td>
<td>2003128</td>
<td>Tapentadol and Metabolite, Urine, Quantitative</td>
<td>LAB3215</td>
<td>3000248</td>
<td>Meperidine and Metabolite Quantitative, Urine</td>
</tr>
<tr>
<td>LAB3161</td>
<td>AMPS UR</td>
<td>Amphetamines, Urine, Quantitative</td>
<td>LAB3163</td>
<td>PCP URINE</td>
<td>Phencyclidine (PCP), Urine, Quantitative</td>
</tr>
<tr>
<td>LAB3164</td>
<td>BENZO</td>
<td>Benzodiazepines, Urine, Quantitative</td>
<td>LAB3165</td>
<td>THC CDCO</td>
<td>THC Metabolite, Urine, Quantitative</td>
</tr>
<tr>
<td>LAB3166</td>
<td>CDCO COCA</td>
<td>Cocaine Metabolite, Urine, Quantitative</td>
<td>LAB3167</td>
<td>CDCO</td>
<td>Methadone and Metabolite, Urine, Quantitative</td>
</tr>
<tr>
<td>LAB3168</td>
<td>METH</td>
<td>Methadone and Metabolite, Urine, Quantitative</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If positive the following panels will be performed at an additional charge.

LAB3211 2012219 Carisoprodol and Meprobamate, Urine, Quantitative 80369 $75.00
Lab3212 2010468 Propoxyphene and Metabolite, Urine, Quantitative 80367 $73.75
LAB3213 2012319 Zolpidem, Urine, Quantitative 80368 $55.00
LAB3214 2003128 Tapentadol and Metabolite, Urine, Quantitative 80372 $73.75
LAB3215 3000248 Meperidine and Metabolite Quantitative, Urine 80362 $194.00

The following panels (referred to Mayo) will be inactive. Please note recommended replacement tests (performed at ARUP):

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Recommended replacement</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB8</td>
<td>Drugs of Abuse, Confirmation</td>
<td>LAB3210</td>
</tr>
<tr>
<td>LAB3072</td>
<td>Pain Survey Panel</td>
<td>LAB3210</td>
</tr>
<tr>
<td>ACF</td>
<td>Amphetamines, Confirmation</td>
<td>LAB3161</td>
</tr>
<tr>
<td>CBN</td>
<td>Benzodiazepines, Confirmation</td>
<td>LAB3164</td>
</tr>
<tr>
<td>COP</td>
<td>Opiates, Confirmation</td>
<td>LAB3167</td>
</tr>
<tr>
<td>CPC</td>
<td>PCP, Confirmation</td>
<td>LAB3163</td>
</tr>
<tr>
<td>CTH</td>
<td>THC, Confirmation</td>
<td>LAB3165</td>
</tr>
<tr>
<td>CBA</td>
<td>Barbiturates, Confirmation</td>
<td>LAB3162</td>
</tr>
<tr>
<td>CCO</td>
<td>Cocaine and Metabolites, Confirmation</td>
<td>LAB3166</td>
</tr>
<tr>
<td>CDO</td>
<td>Methadone and Metabolite, Confirmation</td>
<td>LAB3168</td>
</tr>
<tr>
<td>LAB3010</td>
<td>Oxycodone Confirmation</td>
<td>LAB3167 (Oxycodone is included in the Opiates, Urine, Quantitative panel at ARUP)</td>
</tr>
</tbody>
</table>
Additional built panels to be performed at ARUP:

LAB3216  2003115  Methylphenidate and Metabolite, Urine, Quantitative  80360  $78.88

Pain Management Panel (LAB3188) does not include reflex testing. LAB3188 is currently being ordered by OP Pain Clinic.

Please Note: For test build purposes, please refer to Client IT communication sent separately.

Please contact Charles Burridge, HealthEast Laboratory Manager at 651-232-7191 for any questions.

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No Longer Suppling Charcoal Swabs

Discontinuation of Charcoal Culture Swabs

Effective immediately, HealthEast Medical Laboratories will no longer supply charcoal culture swabs. The replacement collection container for the charcoal culture swab will be the Eswab regular (white cap) container. The Eswab regular (white cap) container and charcoal culture swabs are both acceptable collection containers for the following tests:

1. Culture, Genital (LAB465, VCU)
2. Culture, Neisseria gonorrhoeae (LAB1277, GC)

Please order the Eswab Regular (White Cap) in place of the charcoal culture swabs. Charcoal swabs will be accepted for testing until supplies have been depleted. Thank you.

Charcoal Culture Swab - no longer available to order

Eswab regular (white cap) - replacement for charcoal culture swab
**Bacterial Antigen Detection (BAD) Discontinued**

Beginning 03/28/2019, HealthEast Medical Laboratories will no longer perform direct bacterial antigen testing. The following test will no longer be available:

Bacterial Antigen Detection (BAD, LAB460)

The manufacturer notified customers that production of the direct bacterial antigen kits has been discontinued.

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**Consultant’s Corner**

With Lab Week soon upon us, I thought it would be a great time to stress the importance of laboratory testing and for that reason, how important our jobs are as laboratorians to perform our tasks efficiently and flawlessly.

I have been receiving a video Blog from COLA entitled Lab Testing Matters. Dr. John Daly CMO of COLA presents short, 5 minute videos of different aspects of laboratory testing where issues can arise and improvements can be made. I highly recommend these brief videos not necessarily as new information, but as good reinforcement of information that we should already know. Here is the link if you would like to take a look: video

In a recent video, Dr. Daly discussed the life cycle of a laboratory test, see diagram:

![Life Cycle of Laboratory Test](image)
The area most prone to error is the Pre-Analytical area of the testing process. This is due to the multiplicity of steps, (obtaining the correct order, the correct patient, the correct specimen type, using the correct process in obtaining the specimen, preparation and handling the specimen post collection) the number of different individuals handling the specimen, (phlebotomist, processor, courier/transport, testing personnel) and variation in work environment encountered. Studies have shown that error rates as high as 68% occur in the pre-analytical phase of testing.

Analytic and Post Analytic testing phases have the lowest error rates. This is likely due to advancement in technologies.

The take-away here is that thousands of patients put their trust in the laboratory to deliver high quality error free laboratory test results. It is our responsibility as laboratorians to provide optimal laboratory results ensuring our patients the best possible, error free, medical care.