PCL ALVERNO



TEST BULLETIN SUMMARY

September 2018

Dear Healthcare Provider,
The information contained here may be very important to your practice. Please take a moment to review this document.

CULTURE UPDATE TURNAROUND TIME UNDER 24 HOURS

Alverno is pleased to announce that Eswab specimens sent for MRSA culture are now processed by our WASP Lab automated system. This includes robotic plating and incubation of selective media which improves the detection of Staphylococcus aureus isolates that are Methicillin resistant. The culture is incubated for 20 hours and suspected S. aureus colonies are confirmed through MALDI-TOF testing. Time to resulting is now under 24 hours.

BioFire RESPIRATORY PANEL UPDATE COMING OCTOBER 2018

Alverno will be moving to the updated BioFire® Respiratory Panel. The new panel has many improvements including a decreased run time of 45 minutes and an additional target – *Bordetella parapertussis*. With this new panel, Alverno will be modifying the reporting of Influenza Type A to help clarify results. Influenza A will be resulted as Detected or Not Detected, and the subtype, if available, will be noted below.

New Panel Highlights

- Run time of 45 minutes
- Addition of *Bordetella parapertussis*
- Improved overall sensitivity
- More inclusive adenovirus assay, resulting in increased detection
- Elimination of cross-reactivity of CoV-OC43 with CoV-HKU1

NEW RANDOM URINE CREATININE REFERENCE RANGE EFFECTIVE SEPTEMBER 19, 2018

Random Urine Creatinine Reference Range as of 9/19/18			
Current		New	
Male	39-259 mg/dL	Male	16-241 mg/dL
Female	28-217 mg/dL	Female	8-198 mg/dL

DRUGS OF ABUSE CONFIRMATION TESTING BY LC-MS/MS UPDATE

Please see page 2 for additional information on changes to the drugs of abuse confirmation testing.

NEW VAGINAL PANEL AVAILABLE OCTOBER 16, 2018

Please see pages 3 and 4 for information on the new panel. Note that the current panel will be discontinued at the end of the year.

FIND US ON FACEBOOK, LINKEDIN AND GOOGLE PLUS!

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DRUGS OF ABUSE CONFIRMATION TESTING BY LC-MS/MS UPDATE

September 2018

PCL Alverno is pleased to announce that we will begin performing confirmation testing for drugs of abuse in-house. Utilizing Liquid Chromatography tandem Mass Spectrometry instrumentation will allow PCL Alverno to provide quantitative drug confirmations for following drug classes and provide improved turnaround time. Each drug class, its components, and the reporting cutoff values are provided in the table below.

Mass Spec Cutoff Levels:

Drug Class/Component	Cutoff Value	Soft Codes
Amphetamines		**DCAMP**
Amphetamines	200 ng/mL	
Methamphetamines	200 ng/mL	
Ecstasy		**DCECS**
MDA	200 ng/mL	
MDEA	200 ng/mL	
MDMA	200 ng/mL	
Benzodiazepine		**DCBEN**
Alprazolam	15 ng/mL	
Oxazepam	20 ng/mL	
Cocaine		**DCCOC**
Benzoylecgonine	50 ng/mL	
Methadone		**DCMED**
Methadone	30 ng/mL	
EDDP	30 ng/mL	
Opiates		**DCOPI**
Codeine	60 ng/mL	
Morphine	60 ng/mL	
Hydrocodone	60 ng/mL	
Hydromorphone	60 ng/mL	
Oxycodone		**DCOXY**
Oxycodone	60 ng/mL	
Oxymorphone	60 ng/mL	
Heroin		**DCHER**
6-acetylmorphine	10 ng/mL	
THC	15 ng/mL	**DCTH**
Barbiturates		**DCBRB**
Amobarbital/Pentobarbital	100 ng/mL	
Butalbital	100 ng/mL	
Phenobarbital	100 ng/mL	
Secobarbital	100 ng/mL	

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New Vaginal Panel Available October 16, 2018

IMPORTANT:

Current Vaginitis DNA Probe Panel will be discontinued after December 31, 2018

PCL Alverno is pleased to announce a new vaginal panel by PCR. This panel will detect the three most common infectious causes of vaginitis: Bacterial vaginosis, Vulvovaginal candidiasis, and *Thrichomonas vaginalis*. The new panel uses a microbiome-based algorithm to detect an imbalance of normal flora to identify bacterial vaginosis. Yeast detection, which includes the identification of specific species C. glabrata and C. krusei, improves antimicrobial selection.

Note: Requires new collection device. See page 4

New Reporting Format

Vaginal Panel by PCR

Bacterial Vaginosis

Detection of Bacterial vaginosis is based on a quantitative algorithm of the following bacteria; Lactobacillus species (L. crispatus and L. jensenii), Gardnerella vaginalis, Atopobium vaginae, Bacterial vaginosis associated bacteria-2 (BVAB-2), and Megasphaera-1

Candida group

Result includes detection of C. albicans, and/or C. tropicalis, and/or C. parapsilosis, and/or C. dubliniensis

Candida glabrata
Candida krusei
Trichomonas vaginalis

MORE ON NEXT PAGE!



New Vaginosis Panel

Specimen Collection and Handling

Sample Collection Instructions:

For clinician-collected vaginal swabs for Vaginosis Panel:

- Collect swab prior to pelvic, speculum or bimanual exam.
- After parting the labia, gently slide the dry swab no more than 2 inches into the vagina, with gentle rotation, making sure the swab touches the walls of the vagina so that moisture is absorbed by the swab.
- Rotate the swab gently for 10-15 seconds; withdraw the swab without touching the skin.
- **No lubricant is used for collecting the vaginal swab sample.**
  Contraceptive and antifungal creams can cause interference.
  Refrain from use prior to collection.
- Do not collect specimen at the posterior fornix.

For collection information and patient self-collection instructions see Alverno Collection Manual online.

Soft Test Code: VPAN

CPT Codes: 87801, 87481x3, 87661

Collection Device: BD MAX UVE Specimen Collection Kit
Item #181279

Transport: Room Temperature

Stability: 8 days Room Temperature / 14 days Refrigerated