

Policy #:	610 (PLH-610-07)	Effective Date:	9/30/2004	Reviewed Date:	8/1/2016
Subject:	MICROBIOLOGY REPORTS AND AVERAGE TURNAROUND TIMES				
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MICROBIOLOGY REPORTS AND AVERAGE TURNAROUND TIMES

Procedure/Test

Usual Reporting Time

Antigen Tests	-	Reported 15-60 minutes varies with test requested.
Blood Culture	-	Gram stain results are called as Critical Values as soon as positive culture is detected.
	-	Positive cultures read at 18-24 hours.
	-	Preliminary updated as additional information is obtained to include susceptibility testing if applicable.
	-	Cultures are monitored by instrumentation continuously and read at 10 minute intervals for 5 days.
	-	Preliminary "NO GROWTH" reported daily.
	-	No growth in 5 days.
Bordetella PCR and Culture	-	1-3 days upon receipt for PCR. 3-4 weeks for culture; unless positive. Positive results are called with verbal notifications.

<u>Procedure/Test</u>	<u>Usual Reporting Time</u>
CSF, sterile body fluids	<ul style="list-style-type: none"> - Gram stain or culture results are called to physician/primary care giver as Critical values when bacteria or yeast is detected on smear or culture. - Preliminary "NO GROWTH" reported daily. - No growth report in 72 hours for CSF. - Isolation / identification of anaerobes 4-5 days. - No growth report in 5 days for other sterile body fluids.
Genital and GC Cultures	<ul style="list-style-type: none"> - Gram stains only performed upon request. Performed and reported same day. Preliminary report in 18-24 hours and as any pertinent information is available thereafter. Final report in 36-48 hours. GC culture final result at 54-60 hours.
Gram Stain (Stat Orders)	<ul style="list-style-type: none"> - Average turnaround time (1) hour.
Legionella cultures/DFA	<ul style="list-style-type: none"> - Referred to reference laboratory. Final report of no legionella usually 7-14 days
Miscellaneous wounds or sites other than blood, CSF, respiratory, stool or urine	<ul style="list-style-type: none"> - Gram stain performed and reported same day. Preliminary report in 18-24 hours and as any pertinent information is available thereafter. Final report in 54-72 hours.
MRSA Screens	<ul style="list-style-type: none"> - Final report in 24 hours. Reported as No MRSA Isolated for negatives or MRSA for positives. Sensitivity will <u>not</u> be performed. Positive report will be faxed to the floor, client, or affiliate.
Mycobacteria cultures and smears	<ul style="list-style-type: none"> - AFB smear reported within 24 hours. - Cultures are monitored by instrumentation continuously for 6 weeks. - Preliminary "NO GROWTH" reported weekly. - Growth reported as detected: M.tuberculosis complex; M.avium complex; M.gordonae by DNA probe or Mycobacteria species; not M.tuberculosis complex; M.avium complex; M.gordonae by DNA probe weekly.

Procedure**Usual Reporting Time****Mycology cultures**

- Preliminary "NO GROWTH" reported weekly.
- Preliminary positive as growth is detected and as any pertinent information is available thereafter.
- Final reports in 4 weeks; blood and tissue (6 weeks) Vaginal cultures; 2 weeks.

Mycoplasma Culture

- Reference laboratory (5 days)

Parasitology

- Reported 24-48 hours.

Respiratory cultures**Throat cultures**

- Final report at 24 hours. Clinically significant isolates other than normal respiratory flora reported in 24-72 hours.

**Sputum, tracheal aspirates,
bronchial washings,
bronchial lavage,
bronchial brushes**

- Preliminary report in 18-24 hours. Isolates inconsistent with normal flora reported as preliminary results as data obtained.
- Final report of pathogens and normal flora reported in 36-72 hours.

Atypical Stool Culture

- Stool Culture
Preliminary report in 18-24 hours. Critical value called if Aeromonas, Bacillus cereus, Plesiomonas, Vibrio, and Yersinia is isolated (2-3 days). No Aeromonas, Bacillus cereus, Plesiomonas, Vibrio, and Yersinia after 3 days.

Procedure**Respiratory Viral Panel by PCR -**

Adenovirus
 Coronavirus (229E, HKU1, NL63, OC43)
 Enterovirus
 Human Rhinovirus
 Human Metapneumovirus
 Influenza A (subtypes H1, H1-2009, H3)
 Influenza B
 Parainfluenza (1,2,3,4)
 RSV
Bordetella pertussis
Chlamydomphila pneumoniae
Mycoplasma pneumoniae

Usual Reporting Time

Performed and reported same day.
 (Approximately 2 hour turnaround time once received in department).

Urine Culture -

- Preliminary report in 18-24 hour
 - Final report-No Growth in 36 hours.
 - 24-48 hours for identification and susceptibility tests on cultures with colony counts $>10^4$ CfU/ml. $<10^4$ CfU/ml will not have susceptibility reports unless requested or patient is pregnant.

VRE Screens -

Stool and rectal swab specimen types:
 Preliminary report in 18-24 hours.
 Final report in 36 hours.
Other specimen types:
 Preliminary report in 18-24 hours.
 Final report of No VRE Isolated in 36-96 hours.
 Final report of VRE in 18-96 hours.
 Positive results faxed to the floor and infection prevention/control for inpatients and client or affiliate for Outreach.
 Sensitivity will not be performed.

Procedure**Wet Preparation -****Usual Reporting Time**

Reported within 30 minutes from receipt in Microbiology.