

# Microbiology Test STAT Turn-around Times

February 2018

STAT testing times begin at the time the specimen is received into the laboratory once the specimen is identified as appropriate for the test request.

Rapid Strep Group A: ≤ 1 hour

Rapid *Streptotoccus pneumoniae* antigen from urine or CSF: ≤ 1 hour

Rapid *Legionella pneumophila* antigen from urine: ≤ 1 hour

PCR (nucleic acid amplification) testing can be ordered STAT and will be set up as soon as the specimen reaches Microbiology (24/7). The PCR tests have different 'on-board' processing times once the specimen is loaded onto the instrument. Results are automatically sent to EPIC when the instrument has completed the processing. Delays may occur if the instrument indicates an invalid or error test result. At that time, the technologist will reset the test only once.

- MRSA (nares) Screen: 66 minutes on-board (on instrument)
- C. difficile (liquid, loose, watery, stool only): 45 minutes on-board
- SA (nasal) Complete (used for pre-op screening ; detects MRSA or MSSA ): 62 minutes on-board
- Group B strep (prenatal vaginal/rectal swab): 52 minutes on-board
- Enterovirus (CSF): 2.5 hours on-board
- Influenza A and B (rapid RT-PCR): 30 minutes on-board
- RSV (rapid RT-PCR): 30 minutes on-board

Sexually Transmitted disease testing by nucleic acid amplification is performed Monday through Friday, 1<sup>st</sup> shift. We attempt to run all specimens received by 11:00am M-F, and typically the results will be available by about 5:00pm same day. This includes the following targets:

*Chlamydia trachomatis*

*Neisseria gonorrhoeae*

*Trichomonas vaginalis*

High risk Human papilloma virus (HPV)

Gram stains for CSF are performed ≤ 1 hour after receipt to the Microbiology Lab.

All other Gram stains are routinely performed unless a STAT request is received (any site/source).