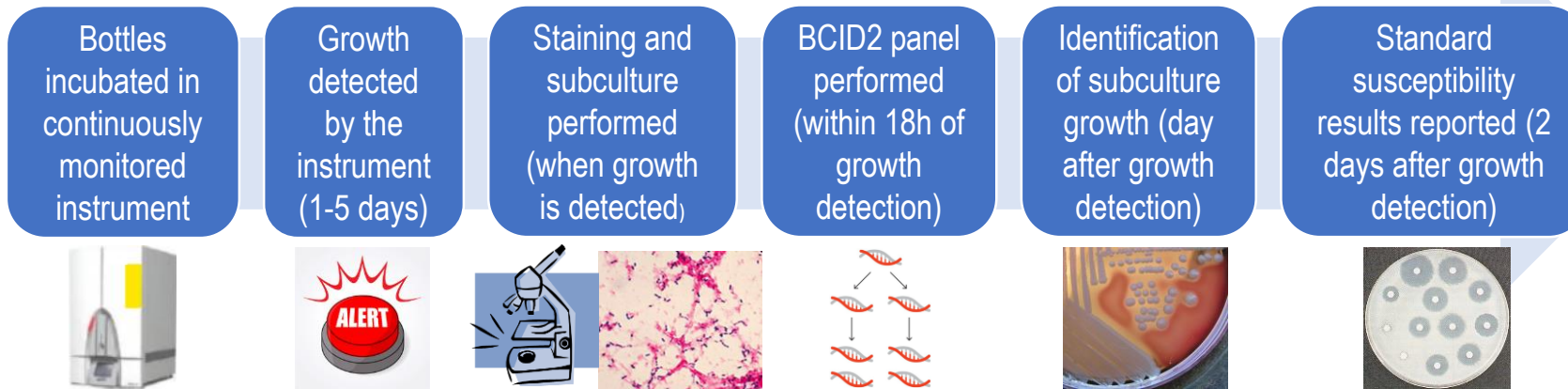


Blood Culture Molecular Panel (BCID2)

APPLIES TO ALL INPATIENT LOCATIONS AT BOTH CAMPUSES

Beginning **December 6, 2021**, Microbiology will automatically perform a multiplex molecular assay on initial positive routine blood cultures (LAB462) for inpatients of all ages; collection and ordering of blood cultures remain unchanged.

Blood Culture Process – Idealized Timeline*



- This molecular panel detects multiple bacteria, yeast, and antimicrobial resistance genes
- Infectious Diseases consultation is **strongly recommended** when *Staphylococcus aureus* (MRSA or MSSA) or yeast are detected

- This supplemental analysis will initially be performed daily on all 3 shifts for patients ≤ 18 years and during the day shift only for adults
- Notification of results
 - Pediatric patients: telephone report will include Gram stain and molecular panel results
 - Adult patients: telephone report will include Gram stain and molecular panel results when both available simultaneously; otherwise, panel results will be available **for review in Epic** within 18 hours of the Gram stain report



*There are multiple variables in this process; **not all cultures will follow the idealized timeline.**

Contact Microbiology for further information: 315-464-6800