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Document Contact	Christopher Ferguson: Dir, Lab Services
Area	Laboratory
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Key Words	Media Shipments

Laboratory Quality Control of Media Shipments - Dearborn

Document Type: Procedure

I. PURPOSE AND OBJECTIVE:

A. Quality Control (QC) programs ensure that the information generated by the laboratory is accurate, reliable and reproducible. This is accomplished by assessing the quality of specimens, monitoring the performance of test procedures, reagents, media, instrumentation, and personnel reviewing test results, and documenting the validity of the test method. Commercially prepared CLSI (Clinical Laboratory & Standards Institute)-Exempt media shipments which arrive to the Dearborn campus include Aerobic, Anaerobic and Pediatric Blood Culture bottles.

B. This document provides instruction to staff on how to examine CLSI -Exempt media shipments for quality before use.

II. PROCEDURE:

A. Newly delivered media must be logged on the Media New Lot/New Shipment Quality Control log.

B. Reagents will be dated when received.

C. At least one box of each shipment and/or new lot of blood culture bottles will be visually inspected for signs of acceptability prior to or concurrent with use.

D. Check for chemical or physical signs of instability.

   1. Upon receipt, the BACT/Alert® culture bottles should be examined for cracks, dents, breakage, contamination, appearance, and evidence of freezing or overheating.
   2. The metal collar surrounding the stopper should be intact.

3. The media should be clear. A trace of precipitate due to the anticoagulant Sodium polyanetholesulfonate (SPS) is acceptable.
4. Do not use bottles that contain media exhibiting turbidity or excess gas pressure- these are indications of possible contamination.
5. Any unacceptable media is discarded, and problems identified during examination of media are recorded and reported to the manufacturer where indicated.

III. STORAGE:

A. Media must be stored according to manufacturer specifications.
   1. Store bottles so that they are protected from light, at room temperature (15-30°C).
   2. Media and reagents are acceptable for use through the expiration date.
      a. Do not use media beyond the expiration date that is printed on each bottle label (satisfactory for use until the end of the month).

IV. REFERENCES:

1. IQCP for CLSI Exempt Media
2. CLSI Document M22-A3 Quality Assurance for Commercially prepared Microbiology Culture Media June, 2004 3rd edition
3. MIC.11035 Inspection of Media Shipments, MIC.11038 Media QC-Purchased/Acquired, 10/24/2022 CAP Checklists

Attachments

Media New Lot Shipment Quality Control Log

Approval Signatures

Step Description	Approver	Date
Medical Director	Jeremy Powers: Chief, Pathology	9/12/2024
Policy and Forms Steering Committee Approval (if needed)	Christopher Ferguson: Dir, Lab Services	9/12/2024
	Christopher Ferguson: Dir, Lab Services	9/12/2024

Helga Groat: Supv, Laboratory	9/12/2024
Stephanie Mullins: Supv, Laboratory	9/12/2024
Christopher Ferguson: Dir, Lab Services	9/12/2024

Applicability

Dearborn

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Corewell Health
Dearborn

MEDIA NEW LOT/SHIPMENT QUALITY CONTROL: "BACT/ALERT" BLOOD CULTURE BOTTLES

VISUAL INSPECTION (Shipment is not acceptable if 10% or greater of product is effected by conditions listed below.)
This media has been visually inspected for cracked media,broken tubes,unequal filling,excessive bubbles or pits,contamination,evidence of freezing and over heating.

RECEIPT DATE	LOT NUMBER (FA/FN/PF)	EXPIRATION DATE	VISUAL CHECK / INITIALS ACCEPTABLE / NOT ACCEPTABLE	COMMENTS