Microbiology Categories
Revised May 2021

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Former Standard and Guidance	***Revised Standard and Guidance***
Microbiology Standard of Practice 4 (MB S4): Microbial Growth Medium Each lot or shipment of commercially prepared or in-house prepared media must be tested: a) on-site for growth, selectivity, and/or inhibition and biochemical responses; or b) by criteria established by the manufacturer or the laboratory in absence of manufacturer instructions. Quality control (QC) checks for sterility, growth, selectivity and/or inhibition and biochemical responses need not be retested by the laboratory provided that: i. for each shipment or lot of media, the laboratory has documentation on the media label, package insert, technical manual, or other document, that the manufacturer's or in-house QC practices conform to specifications; and ii. the laboratory documents receipt and condition of each shipment or lot of media, and notifies the media manufacturer or in-house preparer of: - cracked Petri dishes; - unequal filling of plates; - cracked media in plates;	**Microbiology Standard of Practice 4 (MB S4): Microbial Growth Medium** Unless an Individualized Quality Control Plan (IQCP) is established according to Quality Control Standards of Practice 2, 3 and 4, the laboratory must test ~~E~~each lot or shipment of commercially prepared or in-house prepared media ~~must be tested~~ according to Reagent and Media Standard of Practice 2. In addition, the laboratory must: a) test media on-site for growth, selectivity, and/or inhibition and biochemical responses, as applicable; ~~or~~ and ~~b) by criteria established by the manufacturer or the laboratory in absence of manufacturer instructions. Quality control (QC) checks for sterility, growth, selectivity and/or inhibition and biochemical responses need not be retested by the laboratory provided that:~~ ~~i. for each shipment or lot of media, the laboratory has documentation on the media label, package insert, technical manual, or other document, that the manufacturer's or in-house QC practices conform to specifications; and~~ ~~ii.~~

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- hemolysis; - freezing; - excessive number of bubbles; or - contamination. ***Guidance –*** Media may be tested concurrent with initial use provided QC results are reviewed prior to release of patient results.	b) ~~the laboratory~~ document~~s~~ receipt and the condition of each shipment or lot of media, and notifies the media manufacturer or in-house preparer of: - cracked Petri dishes; - unequal filling of plates; - cracked media in plates; - hemolysis; - freezing; - excessive number of bubbles; or - contamination. ***Guidance –*** Media may be tested concurrent with initial use provided QC results are reviewed prior to release of patient results.