PhenoMATRIX®

Essentials

Artificial intelligence for 1-2 plate protocol urine cultures

Choose either whole plate or bi-plate protocols

Colony counting
- Segregation of positive plates with colony counts
- Segregation of negative plates and insignificant growth plates based on laboratory rules
- Segregation of mixed and contaminated plates based on laboratory rules

Deep colony morphological recognition

Examples include Segregation of positive cultures with
- Lactose fermenting Gram-negative bacilli
- Non-lactose fermenting Gram-negative bacilli
- Gram-positive isolates, with detection of beta-hemolytic organisms

Expanding presumptive identification capabilities

Chromogenic detection using
- CHROMID CPS Elite media from bioMérieux
- Orientation media from Becton Dickinson
- Brillance UTI media from ThermoFisher

Expert Rules and LIS data mining

Utilization of relevant patient information gathered from the LIS to assist in interpretation of culture findings, placing similar patient results into folders for quick review.

Select

Includes PhenoMATRIX® Essentials

+

Chromogenic detection for MRSA, VRE and other MDRO surveillance cultures using various media

Chromogenic detection of for Group A Strep, Group B Strep and *Candida auris* using various media

Beta hemolysis detection on blood agar for segregation of cultures with suspected Group A Strep or Group B Strep growth from appropriate cultures

Wound protocols for segregation of cultures with suspected *Staphylococcus aureus* growth

Blood culture protocols for early detection of growth from subcultures

NOTE: Wound and blood culture protocols may require additional equipment and development time, based on complexity and customization. Please speak to your local COPAN representative to discuss cost and timing considerations.

Elite with TAG

Includes PhenoMATRIX® Select

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Automatic predetermination (tagging) of best colonies for picking by the Colibri™ for ID and AST work up

PhenoMATRIX® TAG uses culture interpretation analysis from PhenoMATRIX® to automatically target and present for user review, the most appropriate colonies for ID and AST from cultures with one or more organisms.

PhenoMATRIX® TAG always intelligently 'tags' the best colonies to be picked by Colibri™ for workup.

NOTE: The Colibri™ instrument is not included as part of the PhenoMATRIX® Elite tier

Contact your local distributor or COPAN representative for more details and pricing.

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