

# PhenoMATRIX®

## COLONY COUNTING SEGREGATION BASED ON LABORATORY RULES

- Positive Plates
- Negative Plates & Insignificant Growth
- Mixed and Contaminated Growth

## DEEP COLONY MORPHOLOGICAL RECOGNITION & SEGREGATION

- Lactose and Non Lactose Fermenting GN Bacilli
- Gram Positive Isolates w/ beta-Hemolytic Organisms
- Expanding Presumptive ID Capabilities
- Beta-Hemolysis Detection on Blood Agar for GAS & GBS Detection
- Wound Protocols for staph. A\*\* Detection
- Blood Culture Protocols\*\*

## CHROMOGENIC DETECTION

- CHROMID CPS Elite (bioMeriux)
- Orientation Media (BD)
- Brilliance UTI Media (ThermoFisher)
- MRSA Chromogenic Detection
- VRE Chromogenic Detection
- Other MDRO Chromogenic Detection

## LIS INTEGRATION

- Expert Rules & LIS Data Mining

## AUTOMATED COLONY TAGGING

- Automated Tagging for ID & AST Workup
- Integration with Colibri\*\*\*

### PhenoMATRIX® ESSENTIALS

AI for Urine Cultures that Automatically Groups Patient Cultures based on Growth Interpretation and Lab Rules\*



### PhenoMATRIX® SELECT

AI with expanded Detection of Specific Organisms Such as MRSA, VRE, and GBS on Chromogenic Media



### PhenoMATRIX® ELITE with TAG

Comprehensive AI with Automatic Tagging of Colonies for Identification and Suseptability Testing



\*1-2 plate urine protocols on either whole or biplates

\*\*Pricing and implementation time may be impacted depending on complexity.

\*\*\*Colibri Instrument not included