**Selection of *Pseudomonas* Isolates from Patient Sputum Cultures**

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1. A disposable inoculating loop was used to collect primary sputum sample. The sputum was plated on MacConkey agar, and a new loop was used to streak for individual colonies. Plates were grown at 37C overnight or room temperature if over the weekend.
2. Unique individual colonies were selected and subcultured onto Centrimide agar to select for Pseudomonas species, with up to four colonies subcultured into individual quadrants on a single plate. Plates were grown at 37C overnight or room temperature if over the weekend.
3. If colonies grew, they were then subcultured back onto separate MacConkey plates and streaked for individual colonies. Plates were grown at 37C overnight or room temperature if over the weekend. Samples that were unable to grow on Cetrimide agar were noted.
4. 5-10 colonies were selected from each plate to be frozen at -80C. Colonies were inoculated into vials containing TSB/Glycerol and were labeled appropriately. The remaining bacteria on each plate was swabbed, and the entire swab was frozen at -80C.
5. Swabs were recorded in LabVantage as “Sputum Cultures”. Pseudomonas isolates were recorded as “Bacterial Cell Isolates” and were made children of the corresponding “Sputum Culture” samples. All samples were labeled with LabVantage barcodes prior to freezing.