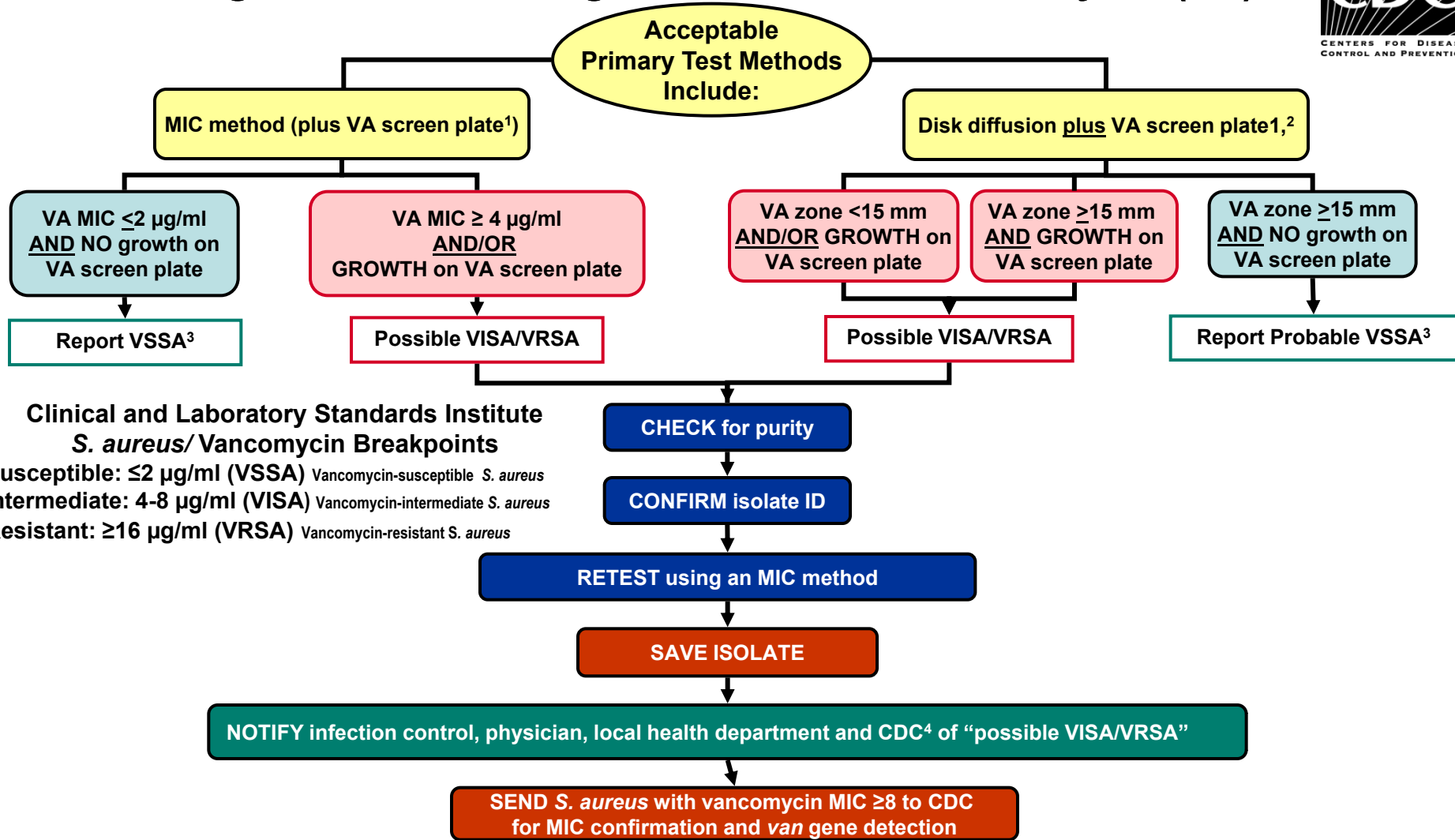


Algorithm for Testing *S. aureus* with Vancomycin (VA)



Important Footnotes

¹ Laboratories using automated MIC methods that have not been validated for VRSA detection and laboratories using disk diffusion should add a commercial BHI VA agar screen plate (6 $\mu\text{g/ml}$).

² Disk diffusion will not differentiate VISA (MICs 4-8) from susceptible strains (MICs 0.5-2). The vancomycin disk test will detect VRSA isolates containing the *vanA* resistance gene by showing no zone of inhibition around the disk (zone = 6 mm). VA screen plate will not reliably detect strains for which MIC=4 $\mu\text{g/ml}$.

³ If concerned about a result based on a patient's history, send to a reference lab for MIC testing.

⁴ Report only isolates with MIC ≥ 8 $\mu\text{g/ml}$ or zone diameter = 6 mm to CDC by email: SEARCH@cdc.gov