

## Master Formula Card

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### Pharmacy Department

Preparation: Vancomycin 5 mg/mL Lock Solution	
<p><b>Materials:</b></p> <p>1 vancomycin 500 mg vial sterile water 3 x 10mL sodium chloride 0.9% 1 x 30 mL sterile empty vial 9 x 10 mL sterile empty vials 1 x 3 mL syringe 1 x 35 mL syringe</p>	<p><b>Directions for Manufacturing:</b></p> <ol style="list-style-type: none"> <li>1. **Reconstitute <b>vancomycin 500 mg vial</b> with <b>5 mL</b> sterile water (standard concentration of 100 mg/mL).</li> <li>2. Withdraw <b>1.5 mL</b> of <b>100 mg/mL</b> concentration and transfer to a 30 mL empty vial.</li> <li>3. Add <b>28.5 mL</b> of sodium chloride 0.9% solution. Resulting concentration is <b>5 mg/mL</b>.</li> <li>4. Transfer 3 mL of vancomycin 5 mg/mL solution into each of the 9 empty vials.</li> <li>5. Label 100mg/mL vial with 14 day expiry and 5 mg/mL vials with 30 day expiry</li> </ol> <p><i>** Check fridge first for a reconstituted vial of <b>vancomycin 100mg/mL</b> before proceeding. If available, proceed directly to step 2.</i></p>
<p><b>Label Sample:</b></p> <p>3 mL vancomycin 5 mg/mL Lock Solution</p>	<p><b>Auxiliary Labels:</b> Keep Refrigerated</p> <p><b>Stability:</b> 100 mg/mL vials – 14 days 5 mg/mL vials - 30 days</p>