



HEALTH HOLDING

HAFER ALBATIN HEALTH  
CLUSTER  
MATERNITY AND  
CHILDREN HOSPITAL

<b>Department:</b>	Laboratory and Blood Bank		
<b>Document:</b>	Internal Policy and Procedure		
<b>Title:</b>	Correction of RBC's in Cold Agglutinin		
<b>Applies To:</b>	All Hematology Staff		
<b>Preparation Date:</b>	January 06, 2025	<b>Index No:</b>	LB-IPP-054
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## 1. PURPOSE

- 1.1 To establish system and set of responsibilities for work.
- 1.2 To elucidate the accurate procedure for determination of Hb and RBC's indices in case of false high results.

## 2. DEFINITIONS:

N/A

## 3. POLICY:

- 3.1 Determination of Hb and RBC's indices in case of false high results caused by cold agglutination.

## 4. PROCEDURE:

- 4.1 **All samples requested for CBC with suspected diagnosis of cold agglutination:**
  - 4.1.1 Warm the blood to 37°C for 10 minutes.
  - 4.1.2 Run the sample and report the new RBC, MCV, MCH and MCHC values.
  - 4.1.3 If you still get falsely high MCV and MCHC, the specimen should be collected at 37°C.

## 5. MATERIALS AND EQUIPMENT:

N/A

## 6. RESPONSIBILITIES:

- 6.1 The assigned doctor


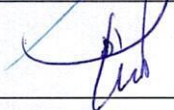

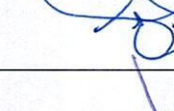

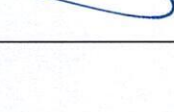
## 7. APPENDICES:

N/A

## 8. REFERENCES:

- 8.1 Clinical Diagnosis and Management By Laboratory Method, 18 th Edition. W.B Saunders Company 1991
- 8.2 Clinical Laboratory Methods/ John D. Bauer – MD- Mosby

## 9. APPROVALS:

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