



HEALTH HOLDING

HAFER ALBATIN HEALTH
CLUSTER
MATERNITY AND
CHILDREN HOSPITAL

Department:	Laboratory and Blood Bank		
Document:	Internal Policy and Procedure		
Title:	Correction of RBC's in Cold Agglutinin		
Applies To:	All Hematology Staff		
Preparation Date:	January 06, 2025	Index No:	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

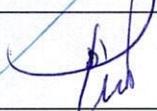
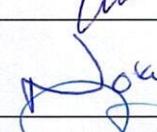
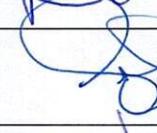
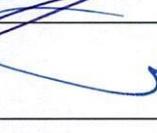
7. APPENDICES:

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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