 <p>B.S. Aquino Drive, Bacolod City, Negros Occidental, 6100</p> <p>DR. PABLO O. TORRE MEMORIAL HOSPITAL</p>	Document Code:	DPOTMH-E-57-P01-S14
	Effective Date:	06-30-2022
	Document Type:	Standard Operating Procedure
	Page Number:	1 of 3
	Department/Section:	Hematology
	Document Title:	<b>APT TEST</b>

### **PURPOSE:**

To describe in detail how to prepare and process the APT test correctly and always in the same manner. It is used to differentiate if the blood is from the mother or the neonate.

### **SCOPE:**

Applies to all Hematology Section Staff of Laboratory Department of Dr. Pablo O. Torre Memorial Hospital (DPOTMH)

### **PERSON RESPONSIBLE:**

Medical Technologists (Medical Laboratory Scientists), Pathologists, Medical Doctors, Nurses, Medical Trainees, Laboratory Clerks

### **PROCEDURE:**


1. Hand washing shall be performed before and after the procedure.
2. The wearing of Personal Protective Equipment such as gloves, masks, goggles/face shield and gowns shall be observed in doing the procedure.
3. Sample (gastric aspirate) must be placed in a clear, dry, leak-proof, screw-capped container.
4. The Medical Technologist or Nurse forwards properly the sample and patient's request to the Hematology Section. Medical Technologist then checks sample label, volume and clots prior to analysis. Not properly labeled sample is given back to the one endorsed for correct labeling.
5. Mix 1 part of gastric aspirate to 9 parts of 2% NAOH.

#### ***Interpretation of Result/ manner of reporting:***

***PINK: Fetal origin***

***YELLOW OR BROWN: Maternal origin***


6. The Medical Technologist notes macroscopic findings in the request and encodes results in the system.
7. Specimens collected shall be considered as biohazardous material.

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8. The Medical Technologist/Laboratory Clerk prints out results for outpatients at the reception area upon presentation of the Official Receipt (OR) and results for admitted patients can be viewed and printed out by nurses to its respective stations.
9. Names and results of patient shall be recorded in the Hematology/Miscellaneous logbook.
10. Turn-around time for releasing Apt test result is within 2 hours.

**REFERENCE:**

[https://en.m.wikipedia.org/wiki/Alkali\\_denaturation\\_test](https://en.m.wikipedia.org/wiki/Alkali_denaturation_test)

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	Name/Title	Signature	Date
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Reviewed:	<b>DENNIS C. ESCALONA, MN, FPSQua</b> Quality Assurance Supervisor	<i>[Signature]</i>	07-06-2022
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KEY TASKS	PERSON RESPONSIBLE
1. Encodes the request of the patient to BIZBOX system.	Laboratory Clerks and Nurses
2. Extracts blood sample from the patients.	Medical Technologist/Nurse
3. Ensures sample is acceptable for testing.	
4. Forwards properly the sample and patient's request to the Hematology Section.	
5. Disposes properly and safely biohazardous and infectious wastes and materials.	
6. Processes and analyzes samples.	
7. Releases and validates result thru BIZBOX System.	
8. Records result to Hematology logbooks.	
9. Endorses the patient's results to the patient or doctor.	Laboratory Clerks and Nurses

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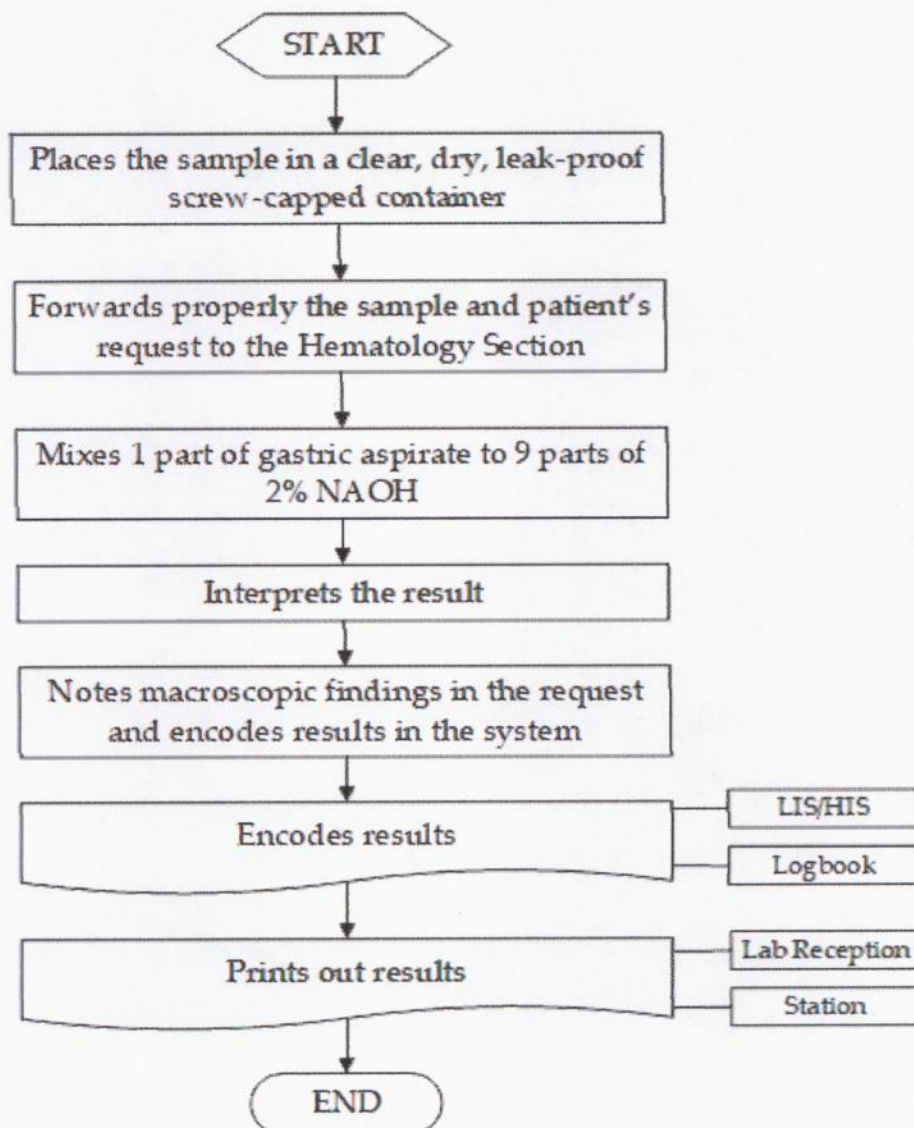


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## FLOWCHART





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