PURPOSE:

To describe in detail how to prepare and process the Chikungunya IgM Assay test correctly and always in the same manner. It is for the qualitative detection of IgM anti-chikungunya virus in human serum, plasma and whole blood. It is also a screening test and any reactive specimen should be confirmed with alternative testing methods.

SCOPE:

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

PERSON RESPONSIBLE:

Doctors, Nurses, Medical Technologists, Pathologists, Patients, Clerks and Receptionist

GENERAL GUIDELINES:

1 No special preparation is necessary.

2 Collect specimen using standard laboratory procedures.

3 Refer to clinical chemistry section staff on duty on sample handling for recommended minimum sample volumes required by the analyzer.

4 Specimens collected shall be considered as biohazardous material.

5 The Medical Technologist shall handle specimens in stoppered containers to avoid contamination and evaporation.

6 Refrigerated plasma samples and frozen samples shall be centrifuged before to remove any particulate material formed during storage.

7 Remove serum from clots within 3 hours of collection.

8 Prior to blood collection, the Medical Technologist shall check on the wrist band for patient identification or for the policy on two (2) acceptable person identifiers applied such as allowing the patient to state his/her complete name, date of birth, address or the assigned identification number.

9 Tubes must be labeled prior to blood extraction and a sufficient amount of blood shall be extracted to ensure that repeated additional examinations could be performed.

10 Endorse the blood samples properly to the Medical Technologist on duty in Clinical Chemistry Section.

PROCEDURE:

1. Bring the specimen and test components to room temperature, if refrigerated or frozen. Once thawed, mix the specimen well prior to assay.

2. When ready to test, open the pouch at the notch and remove the device. Place the test device on a clean, flat surface.

3. Be sure to label the device with specimen number or patient's complete name.

4. Fill the plastic dropper with the specimen. Holding the dropper vertically, dispense 1 drop of serum into the sample well making sure that there are no air bubbles.

5. Add 1 drop of sample diluent buffer into the B well with the bottle positioned vertically.

6. Set up the timer.

7. Results can be read after 15 minutes. Positive results can be visible in as short as 1 minute. Do not read results after 25 minutes. To avoid confusion, discard the test device after interpreting the result.

REFERENCES:

1. Aria Chikungunya IgM Package insert.

APPROVAL:

	Name/Title	Signature	Date
Prepared by:	**ALEXIS F. CORDIA JR., RMT** Section Head, Clinical Chemistry		07/01/2022
Verified:	**MONICA B. VILLANUEVA, RMT, PhD** Laboratory Manager		07-13-2022
	MELANIE ROSE B. ZERRUDO, MD, FPSP Chair, Department of Pathology		07-13-2022
Reviewed:	**DENNIS C. ESCALONA, MN, FPSQua** Quality Assurance Supervisor		07-13-2022
Recommending Approval:	**ROSARIO D. ABARING, MAN, PhD** Ancillary Division Officer		07. 13. 2022
	FREDERIC IVAN L. TING, MD OIC - Total Quality Division		7/19/22
Approved:	**GENESIS GOLDI D. GOLINGAN** President and CEO		9/7/22

KEY TASKS	PERSON RESPONSIBLE
1. Collects blood specimen in 5 mL red top tubes, labels properly and then subjected to centrifugation at 3500 rpm for 5 minutes.	Medical Technologist
2. Bar codes specimens through the LIS and places properly in the tubes without overlapping the handwritten details written by the phlebotomist.	
3. Places bar-coded specimens in the analyzers sample racks.	
4. Presses the start or on button of the analyzer to begin analyses.	
5. Verifies results.	
6. Releases results after verification to the HIS wherein the nurses from the different nurse's station in the hospital as well as the Releasing Clerks can see and print the results.	

APPROVAL:

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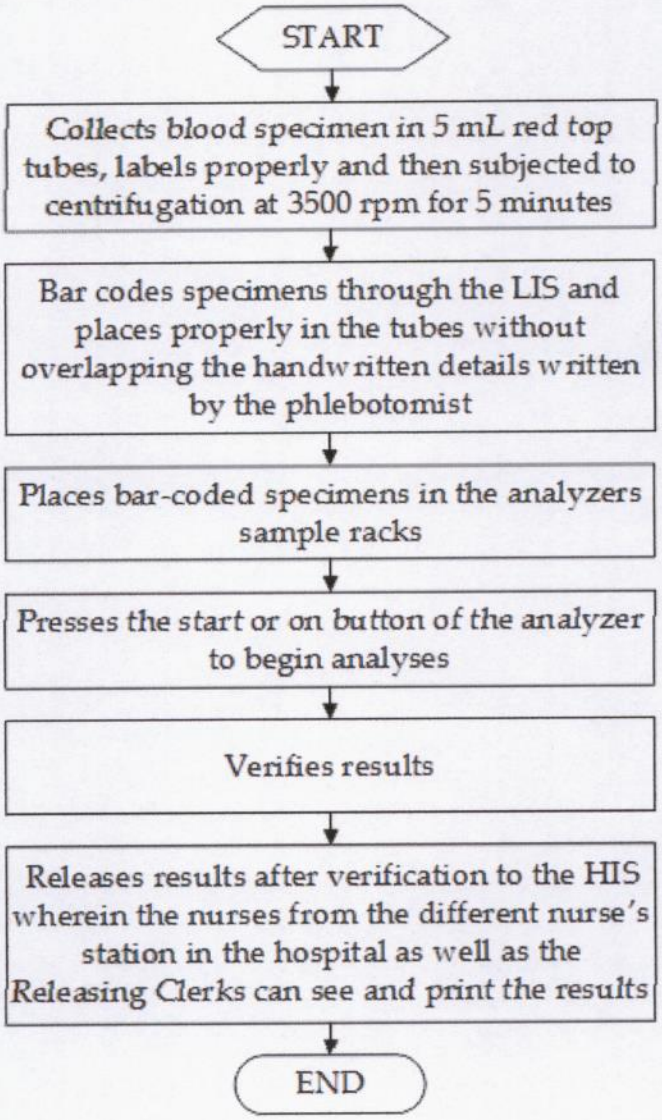
FLOWCHART



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