|  |  |
| --- | --- |
| Purpose | This policy and process provides workflow for preparing blood films for Malaria and other blood parasites |

|  |  |
| --- | --- |
| Scope | The intended users of this document include Phlebotomists, Laboratory Assistants, Medical Laboratory Technicians, Clinical Laboratory Scientists, and Managers. |

|  |  |
| --- | --- |
| Policy | * The are Medical Center laboratory is responsible for collecting and preparing blood films for malaria and other blood parasites prior to transporting to the Regional Reference Laboratories(RRL). * The RRL is responsible for reading and reporting the results on blood/buffy coat films for malaria and other blood parasites prior to transporting the slides to the Public Health Department of the county of origin. * EDTA collected samples needs to be ***hand-delivered*** to Hematology section for blood films preparation within 30 mins. from time of collection. * Blood films need to be performed within 1hr. after collection. * Send 2 thick and 2 thin smears to the RRL Bacteriology Department for Bld Smr. Parasites * Send 4 buffy coat smears to the RRL Bacteriology Department for Leishmania parasites. |
|  |  |

|  |  |
| --- | --- |
| Blood Film Preparation | See procedure ***LAMC-PPP-1274 Preparing Blood Films for Malaria and Other Blood Parasites*** – ***Medical Centers*** and ***LAMC-PPP-0805 Appendix 1\_Buffy Coat Film Preparation for Leishmania and Other Blood Parasites – Medical Centers***for detailed procedure for blood film preparation. |

Order for Bld. Smr. Parasites/ Leishmania

Blood collection performed using EDTA collection tubes by Phlebotomists.

START

Phlebotomists immediately hand-delivers EDTA collected sample to Hematology section

within 1 hour from collection time?

Y

Blood films are delivered to Specimen Processing Send out area for Pak tracking

Hematology CLS/MLT prepares required blood films for Bld. Smr. Parasites/ Leishmania

N

Blood films are sent to RRL Bacteriology Department on the next regularly scheduled courier run.

Reject sample, notify provider for reorder and recollection.

END

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Controlled Documents | |  |  | | --- | --- | | Procedure | Document Number | | Safety Practices | LAMC-PPP-0123 | | Infection Control | LAMC-PPP-0127 | | Universal Body Substance Precaution | LAMC-PPP-0128 | | Handling of Regular and Infectious Waste | LAMC-PPP-0129 | | Cleaning Work Areas | LAMC-PPP-0130 | | Hand-washing Policy | LAMC-PPP-0132 | | Storage and Disposal of Chemical Hazardous Waste | LAMC-PPP-0134 | | Procedure | Document Number | | Preparing Blood Films for Malaria and Other Blood Parasites – Medical Centers | LAMC-PPP-0805 | | Appendix 1\_Buffy Coat Film Preparation for Leishmania and Other Blood Parasites – Medical Centers | LAMC-PPP-1274 | |

|  |  |
| --- | --- |
| Author | Alvin Castillo, CLS |