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| Purpose | To identify the presence of eosinophils in nasal, sputum, and urine samples using wright stain. |
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| Policy | It is our policy to perform quality of stain of staining method performed daily. |

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| Workplace Safety |  |

 | All laboratory employees are expected to maintain a safe working environment and an injury-free workplace. Laboratory employees are responsible for their own safety, the safety of others and adhering to all departmental and medical center safety policies and procedures.* For standard precautions and safety practices in the laboratory; see **Safety Practices**, specifically, but not limited to, equipment safety, proper body mechanics, sharps exposure and proper use of personal protective equipment (PPE).
* For Universal Body Substance precautions, see **Universal Body Substance Precautions**, specifically, but not limited to, exposure to body fluids.
* For proper hand-washing, see **Hand washing Policy**, specifically, not limited to, proper hand-washing.
* For proper infection control, see **Infection Control**, specifically, but not limited to, proper use of gloves.
* For proper handling of regular and infectious waste, see **Handling of Regular and Infectious Waste**, specifically, but not limited to, proper disposal of regular and biohazardous waste.
* For proper cleaning of work area, see **Cleaning Work Areas**.
* For proper handling of chemicals and reagents, see the Chemical Hygiene Plan.
* For proper storage and disposal of chemical hazardous waste, see **Storage & Disposal of Chemical Hazardous Waste**. All laboratory employees are expected to maintain a safe working environment and an injury-free workplace. Laboratory employees are responsible for their own safety, the safety of others and adhering to all departmental and medical center safety policies and procedures.
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| Procedure | Follow the steps outlined below to check for eosinophils on nasal, urine or sputum specimen. |

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| Step | Action |
| 1 | Prepare a thin smear from either a nasal mucous, a urine, a sputum or use a pre-prepared smear.  |
| 2 | Wright-stain dried smears. |
| 3  | Check smears for presence or absence of eosinophils using microscope. |
| 4 | Report eosinophils by amount of cells per high power field(400x total magnification)* 0/HPF
* 0-5/HPF
* 5-10/HPF
* 10-25/HPF
* >25/HPF
 |
| 5 | Select result in Cerner, click perform, and then verify. |

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| Non-controlled documents | Davidsohn, Henry, Todd-Sanford Clinical Diagnosis by Laboratory Methods., 14th ed., W.B. Saunders, Company, Philadelphia |

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| Controlled Documents |

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| **Document Number** | **Document Name** |
| LAMC-PPP-0123 | Safety Practices |
| LAMC-PPP-0127 | Infection Control |
| LAMC-PPP-0128 | Universal Body Substance Precaution |
| LAMC-PPP-0129 | Handling of Regular and Infectious Waste |
| LAMC-PPP-0130 | Cleaning Work Areas |
| LAMC-PPP-0132 | Hand-washing Policy |
| LAMC-PPP-0134 | Storage and Disposal of Chemical Hazardous Waste |

See below the list of controlled documents |
| Author(s) | Alvin Castillo |