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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 | |  |  | | --- | --- | | **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 |