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**Lab Dept:** Other Fluids  
**Test Name:** SMEAR FOR EOSINOPHILS

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***General Information***

**Lab Order Codes:** EOSS

**Synonyms:** Eosinophils, Fecal; Eosinophils, Nasal; Eosinophils, Sputum; Eosinophils, Urine

**CPT Codes:** 89190 – Nasal smear eosinophils

**Test Includes:** Identification of eosinophils in a nasal smear.

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***Logistics***

**Test Indications:** **Nasal Smears:** Useful for investigating allergy, asthmatic disorders, and parasitic infections.

**Lab Testing Sections:** Hematology

**Phone Numbers:** MIN Lab: 612-813-6280  
STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 1 day

**Special Instructions:** Specimen source and date and time of collection are required on the floor collected requisition form for processing. For specimens other than nasal secretions, please contact the laboratory for instructions.

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***Specimen***

**Specimen Type:** Nasal Secretions; for specimens other than nasal secretions, please contact the laboratory for instructions.

**Container:** Slides

**Draw Volume:** See Collection

**Processed Volume:** See Collection

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|-----------------------------|---|
| <b>Collection:</b>          | <b>Nasal Secretions</b> <ul style="list-style-type: none"><li>●Label frosted end of slides with patient's name (first and last), date and actual time collected and type of specimen.</li><li>●Gently insert swab about 1 inch into nose.</li><li>●Rotate against nasal wall and remove swab.</li><li>●Gently roll swab with specimen onto 2 or 3 frosted-end glass slides.</li><li>●Maintain sterility and forward promptly at ambient temperature only.</li></ul> |
| <b>Special Processing:</b>  | N/A   |
| <b>Patient Preparation:</b> | None  |
| <b>Sample Rejection:</b>    | Mislabeled or unlabeled specimens; requests on urine specimens that are negative for WBC's  |

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### ***Interpretive***

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|-------------------------|--|
| <b>Reference Range:</b> | No eosinophils present   |
| <b>Critical Values:</b> | N/A  |
| <b>Limitations:</b>     | N/A  |
| <b>Methodology:</b>     | Wrights-Giemsa stain   |
| <b>References:</b>      | Corwin H, et al (1987) The Clinical Significance of Eosinophiluria, AJCP, 88:520-522 |