

Eosinophils, Random, Urine

Test ID: EOSU1

Explanation: The Specimen Required and Specimen Stability information is being updated to clarify that only unstained cytospin slides with 2 patient identifiers will be accepted. Stained slides or urine aliquots will be canceled upon receipt.

Current Specimen Required

Container/Tube: Unstained slide

Specimen Volume: 1 slide

Collection Instructions:

1. Collect a random urine specimen.
2. Centrifuge 10 mL of a random urine collection.
3. Pour off supernatant. Assess urine sediment for presence of white blood cells (WBC). If no WBCs are seen, the eosinophil test can't be performed. If WBCs are present, prepare slides using the centrifuged sediment.
4. Unstained slide should be prepared within 2 hours of collection.
5. Centrifuge urine in cytospin centrifuge at speed of 750 rpm for 5 minutes.
6. Guidelines for slide preparation. Use the sediment to prepare slides as follows:
 - a. 150 mcL of sample for 1 to 3 WBC/high power field (hpf)
 - b. 100 mcL of sample for moderate to normal sediment (<50 cell/hpf)
 - c. 50 mcL of sample for heavier sediment (>50 cells/hpf)
 - d. 25 mcL for packed fields of sediment

New Specimen Required

Container/Tube: Unstained **cytospin** slide

Specimen Volume: 1 slide

Collection Instructions:

1. Collect a random urine specimen.
2. Centrifuge 10 mL of a random urine collection.
3. Pour off supernatant. Assess urine sediment for presence of white blood cells (WBC). If no WBCs are seen, the eosinophil test can't be performed. If WBCs are present, prepare slides using the centrifuged sediment.
4. Unstained slide should be prepared within 2 hours of collection. **Only an unstained slide will be accepted. Any other specimen, including the raw urine specimen, will be rejected.**
5. Centrifuge urine in cytospin centrifuge at speed of 750 rpm for 5 minutes.
6. **Slides need to be labeled with 2 full patient identifiers.**
7. Guidelines for slide preparation. Use the sediment to prepare slides as follows:
 - a. 150 mcL of sample for 1 to 3 WBC/high power field (hpf)
 - b. 100 mcL of sample for moderate to normal sediment (<50 cell/hpf)
 - c. 50 mcL of sample for heavier sediment (>50 cells/hpf)
 - d. 25 mcL for packed fields of sediment

Current Specimen Stability			
Specimen	Temperature	Time	Special Container
Urine	Ambient (preferred)	14 days	Cartridge
	Frozen	14 days	Cartridge
	Refrigerated	14 days	Cartridge

New Specimen Stability			
Specimen	Temperature	Time	Special Container
Urine	Ambient (preferred)	14 days	Slide
	Frozen	14 days	Slide
	Refrigerated	14 days	Slide

Questions

Contact Nancy Benson, Laboratory Technologist Resource Coordinator at 800-533-1710