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**Lab Dept:** Serology

**Test Name:** MONOSPOT

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***General Information***

**Lab Order Codes:** MON

**Synonyms:** Infectious Mononucleosis Screen; Heterophile Screen

**CPT Codes:** 86308 – Heterophile antibodies; screening

**Test Includes:** Monospot reported as positive or negative.

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***Logistics***

**Test Indications:** Useful as a screening test for the detection of heterophile antibodies related to infectious mononucleosis.

**Lab Testing Sections:** Serology

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 2 hours

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** Lavender top tube (EDTA)  
Alternate: Red top tube, plain, no gel; Green top tube, (Li Heparin)

**Draw Volume:** 1.5 mL blood

**Processed Volume:** 0.5 mL plasma, serum or EDTA whole blood

**Collection:** Routine venipuncture; **Do Not** use a serum separator tube

**Special Processing:** Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a screw-capped round bottom plastic vial. Store refrigerated.

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimens

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***Interpretive***

**Reference Range:** Negative

**Limitations:** In certain patients with clinical and hematological evidence of IM, specimen may give negative or weak results due to prozoning. Perform a diluted test when questioned about results by the patient's physician.

**Methodology:** The Biostar Acceava Mono II test is a rapid chromatographic immunoassay for the qualitative detection of infectious mononucleosis heterophile antibodies in whole blood, serum or plasma.

**References:** Inverness Medical Bisostar Acceava Mono II, Test Package Insert 2006