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**Lab Dept:** Serology

**Test Name:** YERSINIA ANTIBODY

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***General Information***

**Lab Order Codes:** YEA

**Synonyms:** Yersinia Enterocolitica Antibody (IgG, IgA)

**CPT Codes:** 86793 x2 – Yersinia antibody

**Test Includes:** Titers for *Yersinia enterocolitica* antibodies (IgG and IgA).

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***Logistics***

**Test Indications:** *Yersinia enterocolitica* is associated with a wide spectrum of clinical and immunological manifestations, including enteritis, colitis, reactive arthritis, and erythema nodosum. *Y. enterocolitica*-specific IgA and IgG are both typically detected following acute infection; IgA usually disappears after 2-3 months, whereas IgG persists for at least a year. IgA persistence is observed in some patients with chronic reactive arthritis.

**Lab Testing Sections:** Serology – Sendouts

**Referred to:** Mayo Medical Laboratories (Test# 90522) forward to Focus Diagnostics (Test# 41065)

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

STP Lab: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 3 – 9 days, performed once weekly

**Special Instructions:** N/A

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***Specimen***

**Specimen Type:** Blood

**Container:** Red top tube

**Draw Volume:** 1.5 mL (Minimum: 0.6 mL) blood

**Processed Volume:** 0.5 mL (Minimum: 0.2 mL) serum

<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at ambient (preferred) temperature (specimens will be accepted refrigerated or frozen as well). Forward promptly.
<b>Patient Preparation:</b>	None
<b>Sample Rejection:</b>	Specimens other than serum; mislabeled or unlabeled specimens

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### ***Interpretive***

<b>Reference Range:</b>	<0.90
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	N/A
<b>Methodology:</b>	ELISA (Enzyme Linked Immunosorbent Assay)
<b>References:</b>	<a href="#">Mayo Medical Laboratories Web Page</a> May 2011 <a href="#">Focus Diagnostics, Inc.</a> May 2011
<b>Updates:</b>	8/4/04: Test moved from Specialty Laboratories to Mayo Medical Laboratories. 9/27/09: Mayo notification for test 80346, Focus Diagnostics discontinued testing via MAT, replacement test by ELISA for IgA and IgG established. New reference range. 5/31/2011: Specimen volume change.