# YERSINIA ANTIBODY

## 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).

## 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

## 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
<table>
<thead>
<tr>
<th><strong>Collection:</strong></th>
<th>Routine venipuncture</th>
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<tbody>
<tr>
<td><strong>Special Processing:</strong></td>
<td>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.</td>
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<tr>
<td><strong>Patient Preparation:</strong></td>
<td>None</td>
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<tr>
<td><strong>Sample Rejection:</strong></td>
<td>Specimens other than serum; mislabeled or unlabeled specimens</td>
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</tbody>
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**Interpretive**

| **Reference Range:** | <0.90 |
| **Critical Values:** | N/A |
| **Limitations:** | N/A |
| **Methodology:** | ELISA (Enzyme Linked Immunosorbent Assay) |
| **References:** | Mayo Medical Laboratories Web Page May 2011  
Focus Diagnostics, Inc. May 2011 |
| **Updates:** | 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. |