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# Des Moines Laboratory Update

**Date: September 12th, 2024**

MercyOne will transition testing from the Abbott Architect to the Siemens Atellica on September 17th. Notable changes include:

1. Sirolimus and Free PSA will no longer be performed in-house and sent to Mayo for testing, increasing current turn-around-times.

   Note: When PSA and Free PSA testing are ordered together, both tests will be sent to Mayo for testing.

2. AFP and C Peptide testing will now have serum only as the acceptable specimen.

   Note: Plasma samples (i.e.. Green Top - Heparin) will no longer be acceptable.

3. There will be a Methodology change for Tacrolimus testing from chemiluminescent microparticle immunoassay to homogenous enzyme immunoassay technique.

Thank you for choosing MercyOne Des Moines Laboratory.

| Siemens Atellica Menu | Units of Measure | Specimen | Primary Tube | Min Volume | Ref Range | Analytical Measuring Range |
|---|---|---|---|---|---|---|
| Alpha Fetoprotein (AFP) | ng/mL | Serum | SST (red acceptable) | 0.5 | <8.78 ng/mL | 2.2 - 1000.0 ng/mL (manual dilution can bring the clinical reportable range to 200,000 ng/mL) |
| C Peptide | ng/mL | Serum | SST (red acceptable) | 1 | .81-3.85 ng/mL | 0.05 - 30.00 ng/mL (manual dilution will bring the clinical reportable range to: 0.05-150.00 ng/mL) |
| PSA | ng/mL | Serum | SST (red acceptable) | 0.5 | 0.00-4.00 ng/mL | 0.04–100.00 ng/mL (Manual dilution will bring the clinical reportable range up to 0.04- 10,000 ng/mL) |
| Tacrolimus (TACR) | ng/mL | Whole Blood | Lavender | 0.5 | Therapeutic range: 5.0 - 20.0 ng/mL | 2.0 - 30.0 ng/mL (manual dilution will bring the clinical reportable rane to 2.0-80.00 ng/mL |

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