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|--|---|-------------------------------------|--------------|-----------|
| Patient ID SA01156081 | Patient Name TESTRNV, TESTING ATLAS NORM | Birth Date 2000-02-10 | Sex M | Age 23 |
| Order Number SA01156081 | Client Order Number SA01156081 | Ordering Physician CLIENT,CLIENT | Report Notes | |
| Account Information C7028846 DLMP Rochester | | Collected 17 Oct 2023 11:00 | | |

Insulin, Free and Total, S

Insulin, Free, S

3 mIU/mL

SDL

Reference Value
3–25

Insulin, Total, S

3 mIU/mL

1 SDL

Reference Value
3–25

In patients without anti-insulin antibodies, measured total and free insulin concentrations are comparable. In a reference population, the measured mean free insulin concentration following ultrafiltration was 97% of total insulin concentration. In contrast, free insulin is greatly reduced compared to total insulin concentration in the presence of anti-insulin antibodies. In an in-house study of eight patients with confirmed anti-insulin antibodies, the measured free insulin concentration after ultrafiltration ranged from 0.4–27% (mean of 18%) of the total insulin concentration.

Received: 17 Oct 2023 12:53

Reported: 17 Oct 2023 12:53

Laboratory Notes

- 1 This test has been modified from the manufacturer's instructions. Its performance characteristics were determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

| Code | Laboratory | Address | Lab Director | CLIA Certificate |
|------|---|--|------------------------------|------------------|
| SDL | Mayo Clinic Laboratories - Rochester Superior Drive | 3050 Superior Drive NW, Rochester MN 55905 | William G. Morice M.D. Ph.D. | 24D1040592 |