


Patient ID <b>SA01156084</b>	Patient Name <b>TESTRNV, TESTING ATLAS AB</b>	Birth Date <b>2000-02-10</b>	Sex <b>M</b>	Age <b>23</b>
Order Number <b>SA01156084</b>	Client Order Number <b>SA01156084</b>	Ordering Physician <b>CLIENT,CLIENT</b>	Report Notes	
Account Information <b>C7028846 DLMP Rochester</b>		Collected <b>17 Oct 2023 11:00</b>		

## Insulin, Free and Total, S

### Insulin, Free, S


**26 mIU/mL**  
High

SDL  
Reference Value  
3–25

### Insulin, Total, S


**26 mIU/mL**  
High

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 12:54

**Reported:** 17 Oct 2023 12:54

### 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