MAYO CLINIC
Mayo Medical Laboratories

# Laboratory Service Report 1-800-533-1710

| Patient Name | Patient ID | Age | Gender | Order # |
|---|---|---|---|---|
| TESTING,9358 | | | | W3529844 |
| **Ordering Phys** | | **DOB** | | |
| **Client Order #** W3529844 | **Account Information** C7999998-STUSTEST 200 FIRST STREET SW ROCHESTER, MN 55901 (507)266-5730 | **Report Notes** | | |
| **Collected** 02/16/2010 06:00 | | | | |
| **Printed** 02/17/2010 15:23 | | | | |

| Test | Flag | Results | Unit | Reference Value | Perform Site* |
|---|---|---|---|---|---|
| | | | REPORTED 02/16/2010 15:30 | | |
| **Glucagon, P** | | 42 | pg/mL | | MCR |

```
        -- REFERENCE VALUE --
        100 - 650 (<=6 hours)
         70 - 450 (6 hours - 2d)
        100 - 650 (2-4 d)
        declining
        gradually
        to adult
        levels    (4-14 d)
          <=80    (>14 d)

        Comment: Glucagon levels are
        inversely related to blood glucose
        levels at all ages. This is
        particularly pronounced at birth
        and shortly thereafter, until
        regular feeding patterns are
        established. This explains the
        higher levels immediately after
        birth, which then first fall as
        the glucagon release mobilizes the
        infants glucose stores, then rise
        again as stores are depleted,
        finally normalizing towards adult
        levels as regular feeding patterns
        are established. Premature,
        hypoxic/stressed, and seriously
        ill infants often have lower blood
        glucose levels than normal
        infants, and their glucagon levels
        might be two-fold higher than the
        levels observed in normal term
        infants.
Proven glucagonomas have analyte concentrations 10 fold or
more above the reference range.
```

* Performing Site:

| | | |
|---|---|---|
| MCR | Mayo Clinic Dpt of Lab Med & Pathology<br>200 First St SW Rochester, MN 55905 | Lab Director: Franklin R. Cockerill, III, M.D. |

| Patient Name | Collection Date and Time | Report Status |
|---|---|---|
| TESTING,9358 | 02/16/2010 06:00 | Final |
| Page 1 of 1 | | ** End of Report ** |

* Report times for Mayo performed tests are CST/CDT