MAYO CLINIC
Mayo Medical Laboratories

Laboratory Service Report 1-800-533-1710

Patient Name	Patient ID	Age	Gender	Order #
TESTING,84230				W3115821
Ordering Phys		**DOB**		
Client Order # W3115821	**Account Information** C7999998-STUSTEST 200 FIRST STREET SW ROCHESTER, MN 55901 (507)266-5730	**Report Notes**		
Collected 11/03/2009 06:00				
Printed 11/16/2009 10:00				

Test	Flag	Results	Unit	Reference Value	Perform Site*
Estrogens, E1+E2, Fractionated, S			REPORTED 11/03/2009 08:31		
Estrone, S		<10	pg/mL		MCR

```
        -- REFERENCE VALUE --
        CHILDREN
        1-14 days: Estrone levels in
        newborns are very elevated at
        birth but will fall to prepubertal
        levels within a few days.

        MALES
        Tanner       Mean   Reference
        Stage        Age    Range
        ------       ----   ---------
        Stage I*:    7.1    undetectable-16
         (>14 days and Prepubertal)
        Stage II:    11.5   undetectable-22
        Stage III:   13.6   10-25
        Stage IV:    15.1   10-46
        Stage V:     18     10-60
        *Puberty onset (transition from
        Tanner Stage I to Tanner Stage II)
        occurs for boys at a median age of
        11.5 (+/-2) years. For boys there
        is no proven relationship
        between puberty onset and body
        weight or ethnic origin.
        Progression through Tanner stages
        is variable. Tanner Stage V (adult)
        should be reached by age 18.

        FEMALES
        Tanner       Mean  Reference
        Stage        Age   Range
        ------       ----  ---------
        Stage I*:    7.1   undetectable-29
          (>14 days and Prepubertal)
        Stage II:    10.5   10-33
        Stage III:   11.6   15-43
        Stage IV:    12.3   16-77
        Stage V:     14.5   17-200
        *Puberty onset (transition from
        Tanner Stage I to Tanner Stage II)
        occurs for girls at a median age
        of 10.5 (+/-2) years. There is
        evidence that it may occur up to
        1 year earlier in obese girls and
        in African-American girls.
        Progression through Tanner stages
        is variable. Tanner Stage V (adult)
        should be reached by age 18.

        ADULTS
        10-60 (Males)
        17-200 (Premenopausal Females)
        7-40 (Postmenopausal Females)
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Estradiol, S		<10	pg/mL		MCR

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status

* Report times for Mayo performed tests are CST/CDT

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```
-- REFERENCE VALUE --
CHILDREN
1-14 days: Estradiol levels in
newborns are very elevated at
birth but will fall to prepubertal
levels within a few days.

MALES
Tanner       Mean   Reference
Stage        Age    Range
------       ----   ---------
Stage I*:    7.1    undetectable-13
 (>14 days and Prepubertal)
Stage II:    12.1   undetectable-16
Stage III:   13.6   undetectable-26
Stage IV:    15.1   undetectable-38
Stage V:     18     10-40
*Puberty onset (transition from
Tanner Stage I to Tanner Stage II)
occurs for boys at a median age of
11.5 (+/-2) years. For boys there
is no proven relationship
between puberty onset and body
weight or ethnic origin.
Progression through Tanner stages
is variable. Tanner Stage V (adult)
should be reached by age 18.

FEMALES
Tanner       Mean   Reference
Stage        Age    Range
------       ----   ---------
Stage I*:    7.1    undetectable-20
 (>14 days and Prepubertal)
Stage II:    10.5   undetectable-24
Stage III:   11.6   undetectable-60
Stage IV:    12.3   15-85
Stage V:     14.5   15-350
*Puberty onset (transition from
Tanner stage I to Tanner stage II)
occurs for girls at a median age
of 10.5 (+/-2) years. There is
evidence that it may occur up to 1
year earlier in obese girls and in
African-American girls. Progression
through Tanner stages is variable.
Tanner stage V (adult) should be
reached by age 18.

ADULTS
10-40 (Males)
15-350 (Premenopausal Females)
<10 (Postmenopausal Females)
(E2 levels vary widely through the
menstrual cycle.)
```

Performing Site Legend on Last Page of Report

Patient Name	Collection Date and Time	Report Status

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>> Accession W3115821 - Continued From Previous Page <<
>> Do Not Discard <<

* Performing Site:

MCR	Mayo Clinic Dpt of Lab Med & Pathology 200 First St SW Rochester, MN 55905	Lab Director:

Patient Name	Collection Date and Time	Report Status
TESTING,84230	11/03/2009 06:00	Final
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* Report times for Mayo performed tests are CST/CDT