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**Lab Dept:** Chemistry

**Test Name:** ANTI-MULLERIAN HORMONE, SERUM

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***General Information***

**Lab Order Codes:** AMUL

**Synonyms:** AMH

**CPT Codes:** 82397 – Chemiluminescent assay

**Test Includes:** Anti-Mullerian Hormone level reported in ng/mL.

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***Logistics***

**Test Indications:** May be useful in evaluation of sexual maturation and reproductive disorders.

**Lab Testing Sections:** Chemistry - Sendouts

**Referred to:** Esoterix Laboratories (ESL Test: 500043)

**Phone Numbers:** MIN Lab: 612-813-6280

STP Lab: 612-813-6280

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 2 - 5 days, performed Monday - Friday

**Special Instructions:** Send collected specimens to the lab immediately. Specimens must be centrifuged within one hour of collection.

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***Specimen***

**Specimen Type:** Blood

**Container:** SST (Gold, marble or red) tube

**Draw Volume:** 3 mL (Minimum: 0.6 mL) blood

**Processed Volume:** 1 mL (Minimum: 0.2 mL) serum

Note: Submission of the minimum volume does not allow for repeat analysis.

**Collection:** Routine venipuncture

**Special Processing:** Lab Staff: Centrifuge specimen within one hour of collection. Separate serum aliquot into a screw capped plastic vial. Store and ship at frozen temperatures.

**Patient Preparation:** None

**Sample Rejection:** Mislabeled or unlabeled specimen; incorrect specimen type; warm samples

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***Interpretive***

**Reference Range:**

| Age            | Range (ng/mL)        |
|----------------|----------------------|
| <b>Males</b>   |                      |
| 0 – 6 years:   | 32.77 – 262.69 ng/mL |
| 7 – 10 years:  | 45.26 – 191.34 ng/mL |
| 20 – 98 years: | 0.11 – 13.07 ng/mL   |
| <b>Females</b> |                      |
| 0 – 6 years:   | 0.53 – 7.78 ng/mL    |
| 7 – 19 years:  | 1.05 – 12.86 ng/mL   |
| 20 – 25 years: | 1.23 – 11.51 ng/mL   |
| 26 – 30 years: | 1.03 – 11.10 ng/mL   |
| 31 – 35 years: | 0.66 – 8.75 ng/mL    |
| 36 – 40 years: | 0.42 – 8.35 ng/mL    |
| 41- 46 years:  | 0.26 – 5.81 ng/mL    |
| 47 – 54 years: | < or = 0.82 ng/mL    |
| 55 – 97 years: | < or = 0.18 ng/mL    |

**Critical Values:** N/A

**Limitations:** N/A

**Methodology:** Chemiluminescent Assay

**References:** [Esoterix Laboratory Services Web Page](#) December 2017

**Updates:** 3/10/14: CPT update, previously listed as 83519.  
12/19/2017: Updated method and reference ranges