

## TEST STATUS – NEW TEST

Notification Date: 04/18/2025

Effective Date: 05/28/2025

### Test Name: Anti-Mullerian Hormone (Female 18-45 years old)

Test ID: LAB6790

Explanation: On the effective date, Anti-Mullerian Hormone for Female (18-45 years old) will be performed at MetroCenter.

Useful For: This test aids in assessing ovarian reserve in women visiting fertility clinics. It should be used alongside other clinical and laboratory findings, such as antral follicle count, before initiating fertility therapy.

Methodology: Chemiluminescent immunoassay

Reference Interval: Reference range based on female age 18-45 years old.

Female Age (years)	Reference Interval (ng/mL)
18-25	1.02-14.63
26-30	0.69-13.39
31-35	0.36-10.07
36-40	0.18-5.68
41-45	0.01-2.99

#### Specimen Requirements:

Specimen Type:	Serum
Alternate Specimen:	Not applicable
Container/Tube:	Serum Separator Tube (Gold Top) (0.2 mL minimum)
Specimen Preparation:	Spin immediately after blood is clotted. Refrigerate
Specimen Volume:	Fill to Indicator Line
Pediatric Collection:	Not Acceptable
Storage/Transport Temperature:	Refrigerated

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### Specimen Stability Information:

Specimen Type	Temperature	Time
Serum	Ambient	24 hours
Serum	2° to 8°C	6 days
Serum	Frozen	3 months

### Interpretation:

AMH can serve as a surrogate for antral follicle count (AFC) on days 2 to 4 of the menstrual cycle to assess ovarian reserve. It should be used in conjunction with other clinical and laboratory findings before starting fertility therapy. Women who are menopausal or have premature ovarian failure, including those who have undergone cancer chemotherapy, typically exhibit very low AMH levels.

Reasons for Rejection: Grossly hemolyzed or icterus sample

CPT Code(s): 82166

Days(s) Performed: Monday – Friday

Report Available: 3 days

### Additional Information:

This test is FDA-cleared for female age 18-45 years old. For male all ages and female <18 or >45 years old, please order the test “AMH, All Males and Non 18-45 Females”, which will be performed at ARUP Laboratories (<https://ltd.aruplab.com/Tests/Pub/2002656>).

Test Name/Alias	Test ID	Referral Lab	Code Referral Lab
AMH, All Males and Non 18-45 Females	LAB1733	ARUP	2002656

Questions: Please get in touch with Vanderbilt Medical Laboratories Customer Service at 615-875-5227 (5-LABS) or 800-551-5227 or visit our website: [Home | Vanderbilt Medical Laboratories \(vumc.org\)](https://vumc.org)