ARUP LABORATORIES | *A nonprofit enterprise of the University of Utah and its Department of Pathology*

Effective Date: November 13, 2023

TEST CHANGE

5-a-Dihydrotestosterone by Tandem Mass Spectrometry, Serum

2002349, DHT TMS

Specimen Requirements:	
Patient Preparation:	
Collect:	Plain rRed or serum separator tubeSerum Separator Tube (SST).
Specimen Preparation:	Separate serum from cells ASAP or within 2 hours of collection. Transfer 1 mL serum to an ARUP standard transport tubeStandard Transport Tube and freeze immediately. (Min: 0.6 mL)
Transport Temperature:	Frozen.
Unacceptable Conditions:	Hemolyzed or lipemic specimens.
Remarks:	
Stability:	After separation from cells: Ambient: 48 hours; Refrigerated: 5 days; Frozen: 6 months
Methodology:	Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry
Performed:	Sun, Wed, Thu, Fri, Tue-Sat
Reported:	1-54 days
Note:	
CPT Codes:	82642
New York DOH Approval Status:	This test is New York DOH approved.
Interpretive Data:	
This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.	
Reference Interval:	

Deleted Cells

Test Number	Components	Reference Interval		
	5-a-Dihydrotestosterone, LC-MS/MS			
		Age	Male (pg/mL)	Female (pg/mL)
		Premature	100.0-530.0	20.0-130.0
		Full Term	50.0-600.0	20.0-150.0
		1 week-6 months	120.0-850.0	Not Applicable
		1 week-9 years	Not Applicable	0.0-49.9
		7 months-9 years	0.0-49.9	Not Applicable
		10-19 years	0.0-533.0	50.0-170.0
		20 years and older	106.0-719.0	24.0-208.0
		Tanner Stage I	1.0-47.6	1.0-64.3
		Tanner Stage II	3.5-397.9	5.5-95.9
		Tanner Stage III	14.8-574.6	11.4-158.3
		Tanner Stage IV-V	44.9-511.8	18.7-193.8