Reporting Title: Dihydrotestosterone, S
Performing Location: Rochester

Specimen Requirements:

Container/Tube:
Preferred: Red top
Acceptable: Serum gel
Specimen Volume: 1 mL

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	7 days
	Frozen	90 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
81479	Dihydrotestosterone, S	Numeric	pg/mL	1848-1

CPT Code: 1 × 82651

Reference Values:

Males
Cord blood: < or =100 pg/mL
< or =6 months: < or =1,200 pg/mL
Tanner Stages

Mean	Age	Reference Range (pg/mL)
Stage I (>6 months and prepubertal)	7.1 years	< or =50
Stage II	12.1 years	< or =200
Stage III	13.6 years	80-330
Stage IV	15.1 years	220-520
Stage V	18 years	240-650

>19 years: 112-955 pg/mL

Females
Cord blood: < or =50 pg/mL
< or =6 months: < or =1,200 pg/mL
Tanner Stages

Mean	Age	Reference Range (pg/mL)
Stage I (>6 months and prepubertal)	7.1 years	< or =50
Stage II	10.5 years	< or =300
Stage III	11.6 years	< or =300
Stage IV	12.3 years	< or =300
Stage V	14.5 years	< or =300

20-55 years: < or =300 pg/mL
>55 years: < or =128 pg/mL

1. Pang S, Levine LS, Chow D, et al: Dihydrotestosterone and its relationship to testosterone in infancy and childhood. J Clin Endocrinol Metab 1979;48:821-826
2. Stanczyk FZ: Diagnosis of hyperandrogenism: biochemical criteria. Best Pract Res Clin Endocrinol Metab 2006;20(2):177-191