

Patient Name	:		Bill Date	:	
DOB/Age/Gender	:		Sample Collected	:	
Patient ID / UHID	:		Sample Received	:	
Referred By	:		Report Date	:	
Sample Type	:		Report Status	:	
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
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BIOCHEMISTRY REPORT
Testosterone Free

TESTOSTERONE, FREE, SERUM Method : ELISA	1.56	pg/ml	0 - 2.85
BIOAVAILABLE TESTOSTERONE	39.8		
ALBUMIN Method : BCG Colorimetric	4.71	g/dL	3.5 - 5.2
SEX HORMONE BINDING GLOBULIN (SHBG),SERUM Method : CLIA	39.4	nmol/L	
Testosterone Total Method : ECLIA	32.9	ng/dL	Female(8 - 19 year) 4.6 - 38.3 Female(20 - 49 Year) 8.4 - 48.1 Female(>= 50 Year) 2.9 - 40.8

Interpretation:
Reference Interval

Age group	TESTOSTERONE FREE %
Males 20-49 years	1.53-2.88
Males ≥ 50 years	1.23-2.59
Females 20-49 years	0.701-2.19
Females ≥ 50 years	0.685-2.64

Reference Interval

Age group	BIOAVAILABLE TESTOSTERONE %
Males 20-49 years	35.0-66.3
Males ≥ 50 years	27.5-60.7
Females 20-49 years	15.3-47.7
Females ≥ 50 years	15.1-55.2

Clinical Use

To assess androgen status in male hypogonadism

Increased Levels

- Androgen resistance
- Cushing's disease
- Congenital Adrenal Hyperplasia

Decreased Levels

- Hypogonadism
- p450c17 enzyme deficiency



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