PROCESSED AT :

MC-2407

Thyrocare
Tests you can trust

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*9 out of 10 Doctors Trust that Thyrocare Reports are **Accurate & Reliable***

NAME : XXXXXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXXXXX
TEST ASKED : ANDROSTENEDIONE (A4)

SAMPLE COLLECTED AT :
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

TEST NAME	TECHNOLOGY	VALUE	UNITS
ANDROSTENEDIONE (A4)	C.L.I.A	2.26	ng/mL

Bio. Ref. Interval. :-

Adult males : 0.60 - 3.10 ng/mL
Adult females : 0.30 - 3.30 ng/mL

Interpretation :
Serum levels of androstenedione acts as a useful marker of androgen biosynthesis. Elevated androstenedione levels have been demonstrated in virilizing congenital adrenal hyperplasia; androstenedione levels in addition to 17- hydroxyprogesterone levels are very useful in monitoring treatment of this condition. Serum androstenedione level is high in fetal and neonatal serum, decrease during childhood, and increase in puberty. Serum androstenedione levels can also show significant diurnal variation dependent on the secretion of acth.

Specifications
Precision: intra assay (%cv): 11.3, inter assay (%cv): 13.2, sensitivity: 0.3 ng/mL

Kit validation references :
1. Dorfman ri, shipley ra: androgens, john wiley and sons, new york, pp. 116-128, 1956.
2. Androstenedione production and interconversion rates measured in peripheral blood and studies on the possible site of its conversion to testosterone. J endrocrinol invest 45: 301-313, 1966.

Please correlate with clinical conditions.
Method:- COMPETITIVE CHEMI LUMINESCENT IMMUNO ASSAY

~~ End of report ~~

Dummy Report

Sample Collected on (SCT) : Sample collection time
Sample Received on (SRT) : Sample receiving time at Lab
Report Released on (RRT) : Report release time
Sample Type : SERUM
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign