PROCESSED AT :
Thyrocare

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COLLEGE of AMERICAN PATHOLOGISTS

MC-2407

Thyrocare
Tests you can trust

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

NAME : XXXXXXXXXXXXXXXXXXXXXX
REF. BY : XXXXXXXXXXXXXXXXXXXXXX
TEST ASKED : DIRECT RENIN

SAMPLE COLLECTED AT :

TEST NAME	TECHNOLOGY	VALUE	UNITS
DIRECT RENIN	C.L.I.A	6.7	µIU/mL

Bio. Ref. Interval. :-

Upright Posture : 4.4 - 46.1 µIU/mL
Supine Posture : 2.8 - 39.9 µIU/mL

Clinical Significance:
The proteolytic enzyme renin is mainly synthesized in the kidneys as prorenin and is stored in granules as prorenin or renin. It plays a major role in the regulation of blood pressure, thirst and urine output. The estimation of renin activity is useful in the differential diagnosis of individuals with hypertension and primary aldosteronism. Renin can also be used to assess the adequacy of steroid substitution in patients with adrenal insufficiency. The levels of renin will be elevated in patients with hypertension due to renal artery stenosis, hemorrhage, heart failure, liver scaring, dehydration and kidney tumors. The decrease in renin levels might be due to high levels of aldosterone, high blood pressure and steroids treatment.

Specifications:
Precision: Intra assay (%CV): 2.38, Inter assay (%CV): 7.32, Sensitivity: 0.13-0.53 µIU/mL.

Kit Validation References:
DiaSorin S.p.A. Via Crescentino snc - 13040 Saluggia (VC) - Italy

Please correlate with clinical conditions.
Method:- FULLY AUTOMATED SANDWICH 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 : EDTA
Labcode :
Barcode :

Doctor 1 Sign Doctor 2 Sign