**PROCESSED AT :**
**Thyrocare**

CAP ACCREDITED
COLLEGE of AMERICAN PATHOLOGISTS

Thyrocare
Tests you can trust

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

**NAME** : XXXXXXXXXXXXXXXX
**REF. BY** : XXXXXXXXXXXXXXXX
**TEST ASKED** : LP-PLA2

**SAMPLE COLLECTED AT :**
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

| TEST NAME | TECHNOLOGY | VALUE | UNITS |
|---|---|---|---|
| LP-PLA2 | PHOTOMETRY | 108 | nmol/min/mL |

**Bio. Ref. Interval. :-**

Low Risk : < 225 nmol/min/mL
High Risk : >= 225 nmol/min/mL

Clinical Significance:

Lp-PLA2, is an enzyme produced by inflammatory cells. It is predominantly associated with low-density lipoprotein (LDL) and high-density lipoprotein (HDL). Lp-PLA2 is a specific marker of vascular inflammation and found to be upregulated in atherosclerotic lesions especially in complex plaque prone to rupture. A meta-analysis found that Lp-PLA2 levels are positively correlated with increased risk of developing coronary heart disease and stroke. Lp-PLA2 is not an acute phase reactant and thus is unaffected by systemic inflammatory processes. Lp-PLA2 activity should be interpreted in conjunction with clinical evaluation and other risk factor assessment.

Specification:

Precision %CV : Intra assay %CV- 1.50% , Inter assay %CV-3.80%

Kit Validation Reference:

Alexander Thompson etal., The Lp-PLA2 Studies Collaboration (2010). "Lipoprotein-associated phospholipase A2 and risk of coronary disease, stroke, and mortality: collaborative analysis of 32 prospective studies". The Lancet 375 (9725): 1536-1544

**Please correlate with clinical conditions.**
**Method:-** ENZYMATIC 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