

Patient Name	: Mrs. W NANCY QUADROS	Reg. No.	: 00011709240143
Age and Sex	: 62 Yrs / Female	PCC Code	: PCL-TS-224
Referring Doctor	: DR PALLAVI PRASAD M	Sample Drawn Date	: 24-Sep-2017 09:30 AM
Referring Customer	: N/A	Registration Date	: 24-Sep-2017 11:06 AM
Vial ID	: G0888566	Report Date	: 24-Sep-2017 04:06 PM
Sample Type	: Serum		
Client Address	: # 1-299 / 2&7, Arul Colony , Opp. A S Rao Nagar,		

## CLINICAL BIOCHEMISTRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals(Age/Gender specific)
Beta- Human Chorionic Gonadotropin 12 5 Hormone		mIU/mL	< 5.3 Non pregnant Gestational Age(weeks) 16 - 4870 1 - 3 1110 - 31500 3 - 4 2560 - 82300 4 - 5 23100 - 151000 5 - 6 27300 - 233000 6 - 7 20900 - 291000 7 - 11 6140 - 103000 11 - 16 2700 - 78100 16 - 39

### Method: Chemiluminescence

#### Comments:

- Human chorionic gonadotropin (hCG) is a glycoprotein with two covalently bound subunits. The alpha subunit is similar to those of luteinizing hormone (LH), follicle stimulating hormone (FSH), and thyroid stimulating hormone (TSH).
- In pregnancy the levels of hCG increases exponentially for about 6 to 10 weeks after the last menstrual cycle.
- Later in pregnancy about 12 weeks after conception, the concentration of hCG begins to fall as the placenta begins to produce steroid hormones. Other sources of elevated hCG values are ectopic pregnancy, threatened abortion, and recent termination of pregnancy.

CA125 - Ovarian Cancer marker >500 U/mL 0.0 - 35.0

Please correlate clinically

### Method: Chemiluminescence

#### Comments:

- CA 125 is defined as 200 to 1000kDa mucin like glycoprotein.
- CA 125 is a surface antigen associated within nonmucinous epithelial ovarian cancer.
- CA125 is recommended together with transvaginal ultrasound, for early detection of ovarian cancer in women. Measurements may also be used to monitor response to chemotherapeutic response.
- Increased levels are found in Malignant tumours, fallopian tube tumours & nonmucinous epithelial ovarian carcinoma. Decreased levels are found in Postmenopausal women.

Carcino Embryonic Antigen (CEA) 1.76 ng/mL 0.05 - 5.0

### Method: Chemiluminescence

#### Comments:

- Carcinoembryonic antigen is a glycoprotein normally found in embryonic endodermal epithelium. CEA belongs to a group of tumour markers referred to as oncofetal proteins.
- CEA levels have been detected in persons with primary colorectal cancer and in patients with other malignancies including gastroesophageal cancer, breast, lung, ovarian, pancreatic, liver and pancreatic cancers.
- CEA levels are increased in blood of chronic smokers. CEA also useful in assessing the effectiveness of chemotherapy and radiation treatment.



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 MD BIOCHEMISTRY



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Note: If the test results are alarming or unexpected Client is advised to contact the laboratory immediately for provide remedial action.