



L.G. 3, 4 & 5, Bhuvana Towers, S.D. Road, Secunderabad - 500 003 Tel: +91 40-2784 5852, 6649 1787

Fax: +91 40 2784 7864 Email parklinediagnostics@gmail.com www.parklinediagnostics.com

## TEST REPORT

Name : MR.G VENUGOPAL [126980]

Age / Gender : 43 Years / Male

Ref.By : -

Req.No

BIL1898848

TID/SID : UMR0750386/ 23330175

Registered on: 23-Mar-2022 / 08:47 AM

Collected on : 23-Mar-2022 / 08:50 AM

Reported on : 23-Mar-2022 / 13:08 PM Reference : Medi Wheel

#### DEPARTMENT OF CLINICAL PATHOLOGY

## Complete Urine Examination (CUE), Urine

| Investigation                               | Observed Value | Units | Biological Reference Interval |
|---|----------------|-------|-------------------------------|
| Colour                                      | Yellow         |       | Light Yellow                  |
| Method:Photo detectors(instrument)          |                |       |                               |
| Appearance                                  | Clear          |       | Clear                         |
| Method:Photo diode array sensor             |                |       |                               |
| Specific gravity                            | 1.005          |       | 1.003-1.030                   |
| Method:Ion concentration/colour indicator   |                |       |                               |
| Reaction and pH                             | 6.0            |       | 5.0-8.0                       |
| Method:Double Indicator                     |                |       |                               |
| Protein                                     | Negative       |       | Negative                      |
| Method:Protein Error of pH indicators       |                |       |                               |
| Glucose                                     | Negative       |       | Negative                      |
| Method:Double sequential enzymatic/GOD-PAP  |                |       |                               |
| Urobilinogen                                | Negative       |       | 0.2-1.0 mg%                   |
| Method:Reagent strip/Reflectance photometry |                |       |                               |
| Ketones                                     | Negative       |       | Negative                      |
| Method:Strip method/Nitroprusside method    |                |       |                               |
| Blood                                       | Negative       |       | Negative                      |
| Method:Peroxidase                           |                |       |                               |
| Bile Salt                                   | Negative       |       | Negative                      |
| Method:Hays Method                          |                |       |                               |
| Bile Pigment                                | Negative       |       | Negative                      |
| Method:Fouchets Method                      |                |       |                               |
| Microscopic Examination                     |                |       |                               |
| Pus cells (leukocytes)                      | Nil            | /hpf  | 0-5                           |
| Method:Microscopy Of Sediment               |                |       | /hpf                          |
| RBC (erythrocytes)                          | Nil            | /hpf  | 0-2                           |
| Method:Microscopy Of Sediment               |                |       | /hpf                          |
| Epithelial cells                            | Occasional     | /hpf  | 0-8<br>/bpf                   |
| Method:Microscopy Of Sediment               |                |       | /hpf                          |
| Crystals                                    | Nil            | /lpf  | Nil<br>/lof                   |
| Method:Microscopy Of Sediment               |                |       | /lpf                          |

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Call: 7995421787, 7093445852,8121147282, 9885202212

Free Home Visit for Sample Collection.



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| Investigation                 | Observed Value | Units | Biological Reference Interval |
|-------------------------------|----------------|-------|-------------------------------|
| Casts                         | Nil            | /lpf  | Nil                           |
| Method:Microscopy Of Sediment |                |       | /lpf                          |
| Others                        | Nil            |       | Nil                           |
| Method:Microscopy Of Sediment |                |       |                               |

\* Sample processed at Parkline

--- End Of Report ---

Dr Divya Panda Regd. No: 84506 MD Pathology

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Reported on : 23-Mar-2022 / 12:39 PM

Reference : Medi Wheel

#### DEPARTMENT OF HEMATOLOGY

## **Blood Grouping ABO And Rh Typing, EDTA Whole Blood**

Parameter Results

Blood Grouping (ABO) B

Rh Typing (D) POSITIVE

Method:Agglutination

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#### DEPARTMENT OF HEMATOLOGY

# Complete Blood Picture (CBP), EDTA Whole Blood

| Investigation                                   | Observed Value | Units   | Biological Reference Interval |
|---|----------------|---------|-------------------------------|
| Hemoglobin                                      | 13.7           | gm/dL   | 13.0-17.0 g/dL gm/dL          |
| Method:Spectrophotometry                        |                |         |                               |
| Erythrocyte Count(RBC)                          | 5.1            | 10^6/µL | 4.5-5.5                       |
| Method:Electrical Impedence                     |                |         | 10^6/μL                       |
| PCV/HCT   | 41             | %       | 40-50 %                       |
| Method:Numeric Integration                      |                |         |                               |
| MCV   | 81             | fL      | 83-101 fL                     |
| Method:Calculated                               |                |         |                               |
| MCH   | 26.8           | pg      | 27-32 pg                      |
| Method:Calculated                               | 211.           |         |                               |
| MCHC  | 32.9           | gm/dL   | 31.5-34.5 gm/dL               |
| Method:Calculated                               |                | 0.4     | 44.0.44.0.07                  |
| RDW (CV)  | 14.8           | %       | 11.6-14.0 %                   |
| Method:Calculated                               |                | 4040/-1 | 4.40.40                       |
| Total WBC Count                                 | 5.5            | 10^3/µL | 4-10 10cap;3/μL 10^3/μL       |
| Method:Impedence flowcytometry/Light scattering |                |         |                               |
| Differential Count                              | 64             | %       | 40-80 %                       |
| Neutrophils  Method:Flowcytometry/Microscopy    | 04             | 70      | 40-80 %                       |
|   | 30             | %       | 20-40 %                       |
| Lymphocytes  Method:Flowcytometry/Microscopy    | 30             | 70      | 20 40 70                      |
| Monocytes                                       | 5              | %       | 2-10 %                        |
| Method:Flowcytometry/Microscopy                 | · ·            | ,,      | 0 ,0                          |
| Eosinophils                                     | 1              | %       | 1-6 %                         |
| Method:Flowcytometry/Microscopy                 |                |         |                               |
| Basophils                                       | 0              | %       | 0-2 %                         |
| Method:Flowcytometry/Microscopy                 |                |         |                               |
| Absolute Neutrophil Count                       | 3.52           | 10^3/µL | 2.0-7.0 10cap;3/µL 10^3/µL    |
| Absolute Lymphocyte Count                       | 1.65           | 10^3/μL | 1.0-3.0<br>10^3/µL            |
| Absolute Monocyte Count                         | 0.28           | 10^3/µL | 0.20-1.0<br>10^3/µL           |

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Investigation

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Reported on : 23-Mar-2022 / 12:39 PM

Biological Reference Interval

Reference : Medi Wheel

Units

### **DEPARTMENT OF HEMATOLOGY**

## Complete Blood Picture (CBP), EDTA Whole Blood

**Observed Value** 

| Absolute Eosinophil Count   | 0.06                         | 10^3/µL | 0.02-0.5<br>10^3/μL |  |
|-----------------------------|------------------------------|---------|---------------------|--|
| Absolute Basophil Count     | 0                            | 10^3/μL | 0.02-0.1<br>10^3/μL |  |
| Platelet Count              | 190                          | 10^3/μL | 150-410             |  |
| Method:Electrical Impedence |                              |         | 10^3/μL             |  |
| Peripheral Smear            |                              |         |                     |  |
| RBC                         | Normocytic and               |         |                     |  |
| Method:Microscopy           | Normochromic                 |         |                     |  |
| WBC                         | Within normal                |         |                     |  |
| Method:Microscopy           | limits.No abnorm cells seen. | al      |                     |  |
| Platelets                   | Discrete and                 |         |                     |  |
| Method:Microscopy           | adequate.Norma<br>morphology | I in    |                     |  |
|                             |                              |         |                     |  |

\* Sample processed at Parkline

--- End Of Report ---

Dr Divya Panda

Regd. No: 84506 MD Pathology

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Sundays & Holidays





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#### DEPARTMENT OF HEMATOLOGY

## Erythrocyte Sedimentation Rate (ESR), Sodium Citrate Whole Blood

| Investigation     | Observed Value | Units   | Biological Reference Intervals |
|-------------------|----------------|---------|--------------------------------|
| ESR 1st Hour      | 6              | mm/hour | 0-10 mm/hour                   |
| Method:Westergren |                |         |                                |

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Age / Gender : 43 Years / Male

Ref.By : ·

Req.No

BIL1898848

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Collected on : 23-Mar-2022 / 08:50 AM

Reported on : 23-Mar-2022 / 13:45 PM

Reference : Medi Wheel

### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

## Blood Urea Nitrogen (BUN), Serum

| Investigation        | Observed Value | Units | Biological Reference Interval |
|----------------------|----------------|-------|-------------------------------|
| Blood Urea Nitrogen. | 8.9            | mg/dL | 7-23 mg/dL                    |
| Method:Calculated    |                |       |                               |

# Creatinine, Serum

| Investigation           | Observed Value | Units | Biological Reference Interval |
|-------------------------|----------------|-------|-------------------------------|
| Creatinine.             | 1.12           | mg/dL | 0.60-1.30 mg/dL               |
| Method:Alkaline Picrate |                |       |                               |

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Age / Gender : 43 Years / Male

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TID/SID : UMR0750386/ 23330176F

Registered on: 23-Mar-2022 / 08:47 AM Collected on: 23-Mar-2022 / 08:50 AM

Reported on : 23-Mar-2022 / 14:50 PM

Reference : Medi Wheel

### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

## Glucose Fasting (FBS), Sodium Fluoride Plasma

| Investigation                       | Observed Value | Units | Biological Reference Interval                                      |
|-------------------------------------|----------------|-------|--|
| Glucose Fasting<br>Method:GOD - PAP | 97             | mg/dL | Normal: <100<br>Impaired FG: 100-125<br>Diabetic : >/=126<br>mg/dL |

\* Sample processed at Parkline

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Ref.By :

Req.No

: 43 Years / Male

BIL1898848

TID/SID : UMR0750386/ 23330176P

Registered on: 23-Mar-2022 / 08:47 AM Collected on: 23-Mar-2022 / 11:15 AM

Reported on : 23-Mar-2022 / 14:50 PM

Reference : Medi Wheel

### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

# Glucose Post Prandial (PPBS), Sodium Fluoride Plasma

| Investigation                             | Observed Value | Units | Biological Reference Interval   |
|---|----------------|-------|---|
| Glucose Post Prandial<br>Method:GOD - PAP | 109            | mg/dL | Normal: 90 - 140<br>Impaired Glucose Tolerance:<br>141-199<br>Diabetic: >/=200<br>mg/dL |

\* Sample processed at Parkline

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 : Collected on : 23-Mar-2022 / 08:50 AM

Ref.By : - Collected on : 23-Mar-2022 / 08:50 AM

Reg.No Reg.No Collected on : 23-Mar-2022 / 14:50 PM

Req.No Reference : Medi Wheel

### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

# Glycosylated Hemoglobin (HbA1C), EDTA Whole Blood

| Investigation  | Observed Value | Units | Biological Reference Interval  |
|--|----------------|-------|--|
| Glycosylated Haemoglobin Method:High Performance Liquid Chromatography(HPLC) | 5.3            | %     | < 5.7% : Normal<br>5.7% - 6.4% : Prediabetes<br>> 6.4% Diabetes  |
| Mean Plasma Glucose (MPG) Estimate Method:Derived from HBA1c                 | 105            | mg/dL | Excellent Control: 90 to 120<br>Good Control: 121 to 150<br>Average Control: 151 to 180<br>Panic Value: > 211<br>mg/dL |

Note: Mean Plasma Glucose is calucated from HBA1c value and it indicates Average Blood Sugar level over the past three months.

#### INTERPRETATION:

- 1.Glycated hemoglobin (glycohemoglobin / HbA1c) is a form of hemoglobin (Hb) that is chemically linked to a sugar.
- 2.A1c is measured primarily to determine the three-month average blood sugar level and can be used as a diagnostic test for diabetes mellitus and as an assessment test for glycemic control in people with diabetes.
- 3.In diabetes, higher amounts of glycated hemoglobin, indicating poorer control of blood glucose levels, have been associated with cardiovascular disease, nephropathy, neuropathy, and retinopathy.
- 4. American diabetes Association (ADA) recommends an A1C goal for many non pregnant adults of < 7% (without significant hypoglycemia). On the basis of provider judgment and patient preference, achievement of lower A1C levels than the goal of 7% may be acceptable, and even beneficial, if it can be achieved safely without significant hypoglycemia or other adverse effects of treatment. Less stringent A1C goals (such as < 8%) may be appropriate for patients with severe hypoglycemia, extensive co morbid conditions etc, or where the harms of treatment are greater than the benefits.
- 5. Glycemic goals for some older adults might reasonably be relaxed as part of individualized care, but hyperglycemia leading to symptoms or risk of acute hyperglycemia complications should be avoided in all patients.
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#### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

# Lipid Profile, Serum

| Investigation                             | Observed Value | Units | Biological Reference Interval  |
|---|----------------|-------|--|
| Total Cholesterol Method:CHOD-PAP         | 195            | mg/dL | Desirable Level: < 200<br>Borderline : 200 - 239<br>High : > 240<br>mg/dL  |
| HDL Cholesterol Method:Enzymatic Reaction | 33             | mg/dL | <40:Major risk factor for<br>heart disease<br>40-59:The higher,the better<br>>/=60:Considered protective<br>against heart disease<br>mg/dL |
| LDL Cholesterol Method:Calculated         | 130            | mg/dL | < 100<br>mg/dL   |
| VLDL Cholesterol  Method:Calculated       | 32             | mg/dL | 10-55 mg/dL  |
| Triglycerides Method:GPO-POD              | 163            | mg/dL | Normal:<150<br>Borderline:150-199<br>High:200-499<br>Very High:>/=500<br>mg/dL   |
| Chol/HDL Ratio Method:Calculated          | 5.91           |       | Normal : <4<br>Low risk : 4 - 6<br>High risk : >6  |
| LDL Cholesterol/HDL Ratio                 | 3.94           |       | -  |

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#### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

## Liver Function Test (LFT), Serum

| Investigation  | Observed Value | Units | Biological Reference Interval |
|--|----------------|-------|-------------------------------|
| Total Bilirubin.   | 1.06           | mg/dL | 0.3-1.2 mg/dL                 |
| Method:Diazo with sulphanilic acid                             |                |       |                               |
| Direct Bilirubin.  | 0.24           | mg/dL | 0.00-0.40 mg/dL               |
| Method:Diazo with sulphanilic acid                             |                |       |                               |
| Indirect Bilirubin.  | 0.82           | mg/dL |                               |
| Method:Calculated  |                |       |                               |
| Alanine Aminotransferase ,(ALT/SGPT)                           | 31             | U/L   | 10-40 U/L                     |
| Method:IFCC without P5P  | 0.5            | 1.1/1 | 40.40.17                      |
| Aspartate Aminotransferase,(AST/SGOT)  Method:IFCC without P5P | 25             | U/L   | 10-40 U/L                     |
| ALP (Alkaline Phosphatase).                                    | 88             | U/L   | 30-115 U/L                    |
| Method:AMP-IFCC  |                |       |                               |
| PROTEINS   |                |       |                               |
| Total Protein.   | 7.32           | g/dL  | 6.0-8.0 g/dL                  |
| Method:Biuret  |                |       |                               |
| Albumin.   | 4.18           | g/dL  | 3.5-4.8 g/dL                  |
| Method:Bromocresol Green (BCG)                                 |                |       |                               |
| Globulin.  | 3.14           | g/dL  | 2.3-3.5 g/dL                  |
| Method:Calculated  |                |       |                               |
| A/GRatio.  | 1.33           |       | 0.8-2.0                       |
| Method:Calculated  |                |       |                               |
| Gamma GT.  | 43             | U/L   | 7.0-50.0 U/L                  |
| Method:IFCC-Enzymatic  |                |       |                               |

<sup>\*</sup> Sample processed at Parkline

--- End Of Report ---

Dr Divya Panda Regd. No: 84506 MD Pathology

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Lab Timings (Weekdays): 7.00 am to 8.30 pm

Sundays & Holidays :7.00 am to 1.00 pm

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& 5.45 pm to 7.45 pm

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Fax: +91 40 2784 7864 Email parklinediagnostics@gmail.com www.parklinediagnostics.com

# TEST REPORT

Name : MR.G VENUGOPAL [126980]

Age / Gender : 43 Years / Male

Ref.By :

Req.No

BII 1898848

TID/SID : UMR0750386/ 23330174

Registered on: 23-Mar-2022 / 08:47 AM Collected on: 23-Mar-2022 / 08:50 AM

Reported on : 23-Mar-2022 / 13:45 PM

Reference : Medi Wheel

#### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

## Prostate Specific Antigen (PSA) Total, Serum

| Investigation                         | Observed Value |       | Biological Reference Interval |
|---------------------------------------|----------------|-------|-------------------------------|
| Prostate Specific Antigen (PSA) Total | 0.380          | ng/mL | 0-3.9 ng/mL                   |
| Method:Enhanced chemiluminescence     |                |       |                               |

### Interpretation:

- 1. Prostate specific antigen (PSA) is a glycoprotein that is expressed by both normal and neoplastic prostate tissue
- 2.Elevated serum PSA concentrations are found in men with prostate cancer, benign prostatic hyperplasia (BPH) or inflammatory conditions of other adjacent genitourinary tissues. PSA can also be elevated after digital rectal examination, prostatic massage, cystoscopy, needle biopsy etc
- 3. Measurement of serum PSA by itself is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels are also observed in patients with benign prostatic hyperplasia.
- 4. When employed for the management of prostate cancer patients, serial measurement of PSA is useful in detecting residual tumor and recurrent cancer after radical prostatectomy.
- 5.PSA has been demonstrated to be an accurate marker for monitoring advanced clinical stage in untreated patients and for monitoring response to therapy by radical prostatectomy, radiation therapy and anti-androgen therapy.

\* Sample processed at Parkline

Sundays & Holidays

--- End Of Report ---

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Dr Divya Panda

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& 5.45 pm to 7.45 pm

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Free Home Visit for Sample Collection. Call

:7.00 am to 1.00 pm





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TEST REPORT

Name : MR.G VENUGOPAL [126980] TID/SID : UMR0750386/ 23330174

 Age / Gender
 : 43 Years / Male
 Registered on : 23-Mar-2022 / 08:47 AM

 Ref.By
 : Collected on : 23-Mar-2022 / 08:50 AM

Reg.No Reg.No Collected on : 23-Mar-2022 / 08:50 AM

Req.No Reference : Medi Wheel

### DEPARTMENT OF CLINICAL BIOCHEMISTRY I

# Thyroid Profile (T3,T4,TSH), Serum

| Investigation                     | Observed Value | Units  | Biological Reference Interval |
|-----------------------------------|----------------|--------|-------------------------------|
| Triiodothyronine Total (T3)       | 1.72           | ng/mL  | 0.970-1.69 ng/mL              |
| Method:Enhanced chemiluminescence |                |        |                               |
| Thyroxine Total (T4)              | 10.2           | μg/dL  | 5.53-11.0 μg/dL               |
| Method:Enhanced chemiluminescence |                |        |                               |
| Thyroid Stimulating Hormone (TSH) | 2.57           | μIU/mL | 0.465-4.68 μIU/mL             |
| Method:Enhanced chemiluminescence |                |        |                               |

Note: Change in method and reference range

NOTE:

TSH - Reference ranges during pregnancy:\*

1st Trimester : 0.10 - 2.50 2nd Trimester : 0.20 - 3.00 3dr Trimester : 0.30 - 3.00

\*As per the Guidelines of American Thyroid Association for the diagnosis and management of thyroid disease during pregnancy and post partum.

1.Primary Hyperthyroidism is accompanied by elevated T3 & T4 values along with depressed TSH level.

2. Primary Hypothyroidism is accompanied by depressed T3 & T4 levels and elevated TSH levels.

3. Normal T4 levels accompanied by high T3 levels are seen in patients with T3 Thyrotoxicosis.

4.Slightly elevated T3 levels may be found in pregnancy and estrogen therapy, while depressed levels may be encountered in severe illness, malnutrition, renal failure and during therapy with drugs like propanolol and propylthiouracil.

5.Although elevated TSH levels are nearly always indicative of primary hypothyroidism, rarely they can result form TSH secreting pituitary tumors(secondary).

\* Sample processed at Parkline

--- End Of Report ---

Or Divya Pan

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& 5.45 pm to 7.45 pm

Sundays & Holidays : 7.30 am to 9.30 am



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## TEST REPORT

Name : MR.G VENUGOPAL [126980]

Age / Gender : 43 Years / Male

Ref.By :

Req.No

BIL1898848

TID/SID : UMR0750386/ 23330174

Registered on: 23-Mar-2022 / 08:47 AM Collected on: 23-Mar-2022 / 08:50 AM

Reported on : 23-Mar-2022 / 13:45 PM

Reference : Medi Wheel

## DEPARTMENT OF CLINICAL BIOCHEMISTRY I

# **Uric Acid, Serum**

| Investigation  | Observed Value | Units | Biological Reference Interval |
|----------------|----------------|-------|-------------------------------|
| Uric Acid.     | 4.97           | mg/dL | 2.5-8.0 mg/dL                 |
| Method:Uricase |                |       |                               |

\* Sample processed at Parkline

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## TEST REPORT

Name : MR.G VENUGOPAL [126980]

Age / Gender : 43 Years / Male

Ref.By : -

Req.No

BIL1898848

TID/SID : UMR0750386/ 23330938

Registered on: 23-Mar-2022 / 08:47 AM

Collected on : 23-Mar-2022 / 11:16 AM

Reported on : 23-Mar-2022 / 15:01 PM

Reference : Medi Wheel

### DEPARTMENT OF HEALTH CHECKUP

## **Glucose Urine Fasting**

Urine Glucose Fasting Nil NIL

Method:Reagent strip/Reflectance photometry

# **Glucose Urine Post Prandial**

Urine Glucose Post Prandial Nil NIL

Method:Reagent strip/Reflectance photometry

\* Sample processed at Parkline

--- End Of Report ---

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