

## **Profile of Accura Labs**

Accura Labs was born of various thoughts and situations. Established in 2003 by a group of health care professionals and in a futuristic atmosphere with state – of – the art instruments & integrated systems to offer accurate, efficient, reliable and cost effective diagnostic services.

The ultimate aim of Accura Labs is to provide reliable and prompt diagnostic services to support doctors fraternity to treat their patients with utmost confidence. Advances in diagnostic science allow an ever – expanding range of parameters & disease markers to be identified.

Accura Labs has the best that modern diagnostic technology has to offer. Procedures for the collection and processing of samples have been systemized in an effort to achieve zero error and to eliminate the human error factor. All the tests & techniques are updated periodically.

The operating routine for the systems have been scrutinized to achieve maximum efficiency with the patient in mind as we are aware that the reports could be of critical importance in the management of the illness. The staff manning these machines have been carefully hand picked for the job based on their qualification and experience to blend the man & machine interface, which is the essence to achieve the best results.

Accura Labs conducts over 750 different tests, with tests covering more than 25 methods. We performs routine internal Quality control program and external Quality assessment in the areas of Biochemistry, Haematology, Immunology, Endocrinology, Serology, Microbiology, Histopathology, Clinical pathology, A computerized tomography scan (CT or CAT scan)

## **Facilities Available:-**

### **1. Radiology Services**

- Ultrasound Examination
- Color Doppler examination
- X ray

### **2. Laboratory Services**

- Biochemistry
- Microbiology and Serology
- Hematology and Coagulation
- Clinical pathology
- Immunology
- Endocrinology
- Serology
- Histopathology

### **3. Cardiology Services**

- ECG
- ECHO CARDIOGRAM

### **4. A computerized tomography scan (CT or CAT scan)**

## **SCOPE :-**

**“PROVIDING CLINICAL LABORATORY, RADIOLOGY AND  
CARDIOLOGY DIAGNOSTIC SERVICES,”**

## **LIST OF INSTRUMENTS**

### **BIOCHEMISTRY AUTO ANALYSER**

- 1.SIEMENS DIMENSION RXL MAX
- 2.BIOSYSTEM BA 400
3. BIOSYSTEM A 25

### **BIOCHEMISTRY HbA1c ANALYZER**

- 1.BIORAD D10 (Two nos)

### **BIOCHEMISTRY ELECTROLYTE ANALYZER**

- 1.BIOSYSTEM DIESTRO TWO NOS
- 2.DIAREK UNILYTE6+
- 3.FLAME PHOTOMETER

### **BIOCHEMISTRY SEMIAUTO ANALYZER**

- 1.MERCK MICROLAB 300

### **HAEMATOLOGY CELLCOUNTER**

- 1.SYSMEX XN350(6 PART)
- 2.ABX PENTRA 60 (5 PART)-2NOS
- 3.ABX MICRO 60(3 PART)
- 4.ESR MINDDRAY XC-20B

- 1.BD QBC SYSTEM
- 2.TCOAG KC1 DELTA COAGULATION ANALYZER

### **ENDOCRINOLOGY**

1. ADVIA CENTAUR XP IMMUNOASSAY SYSTEM
- 2.MINIVIDAS
- 3.ELISA READER & WASHER

### **CLINICAL PATHOLOGY**

- 1.SIEMENS CLINTEK ADVANTUS
- 1.BAYER CLINTEK STATUS
- 2.BAYER CLINTEK 50

### **RADIOLOGY**

1. FUJI DIGITAL XRAY UNIT
2. ECG AUTOMATED

## **SONOLOGY**

HITACHI COLOUR DOPPLER EUB 5500

### **Internal Quality Control program:-**

#### **Purpose:**

To define the procedures in the laboratory for performing internal quality control programs and participation in external quality assessment programs / inters laboratory comparisons by various sections of the clinical laboratory. Internal quality control is necessary to ensure precision and repeatability of the assays.

#### **Procedure for Internal Quality Control program**

1. Accura procedures for monitoring and evaluating analysis of testing processes including procedures for resolving 'out-of-control' situations for clinical chemistry, turbidimetry and hormone assays.
2. Accura is encouraged to use control material similar to or identical with patient sample matrix. The laboratory incorporates in the procedure, the multi-control QC rules used to detect systematic (trends or shifts) and random errors.
3. Accura includes a minimum of 2 levels of QC at least once a day for all the parameters.
4. We follow a step-by-step flow chart to manage 'out-of-control situation' which are:
  - Search for recent events that could have caused changes
  - Examine environmental conditions.

- Follow manufacturer's troubleshooting guide.
- Refer to manufacturers of equipment, reagents or QC/calibrator.

### **External Quality Assessment :-**

Accura Labs participates in External Quality Assessment Scheme (EQAS) or inters laboratory comparison to demonstrate the acceptability of the values amongst a peer group. The senior technician is responsible for selecting the suitable program. We participates in External Quality by

- 1 . AIIMS, New Delhi
- 2 . CMC, Vellore.
3. IAMM-EQAS

### **Quality policy**

We at Accura speciality Labs will strive to achieve customer (patient & Physician ) satisfaction through continual improvement of our processes.

### **Quality objectives**

- 1 . Timely and accurate reports
- 2 . Introduce advanced investigations / latest equipment as per the needs of the patients.

3 . Ensuring the safety of the employees, patients and attendants in the laboratory.

4 . Need based training and skill enhancement of the staff.

### **Our consultant Doctors**

Consultant Pathologist : Dr. Chandramouleeswari M.D (PATH)

Consultant radiologist : Dr. Amudhan Ramachandran M.B.,D.M.R.D

Consultant Pathologist : Dr.Annie Diana M.D (PATH)

**Mr.Ashokkumar** : In charge - **Laboratory Services**

**Mr.Ganesan** : In charge - **Radiology Services**

**Mr.Rajappan** : **Manager - Admin**

### **Working Hours :-**

Weekdays : 6.30 am – 9.00 pm

Sundays & National holidays : 6.30 am – 1.30 pm

Accura Labs have three collection centre inside the doctors clinics,

1. Dr.A.G.Karthikeyan M.D.,D.C.H  
2, Jani basha street, Triplicane,Chennai.
  
- 2 . Jaya eye care  
41/50, 4th Trust Cross Street, Mandhavelli, Chennai.
  
- 3 . ACCURA S.S.S  
No:34, Mutaiah street, Royapettah,Chennai.

Accura Labs offers various health check ups

- \* Master health check up
- \* Executive health check up
- \* Well women check up
- \* Pregnant women check up
- \* Senior citizen check up
- \* Pre – Employment check up

## **PROFILES**

### **THYROID FUNCTION TEST PROFILE**

T3, T4, TSH

### **THYROID PROFILE (ULTRA SENSITIVE)**

Free T3, FreeT4, TSH

### **ANAEMIA PROFILE**

Complete Blood Count, Iron, TIBC, Pheripheral smear study, Stool analysis

### **LIPID PROFILE**

Total Cholesterol, Triglycerides, HDL - Direct, LDL, VLDL, Total / HDL Ratio

### **DIABETIC PROFILE**

Glucose (F), Glucose (PP), HbA1c, HDL-Direct, Cholesterol, Triglycerides, Urine Complete

### **RENAL PROFILE**

Urea, Creatinine, Sodium, Potassium, Calcium, Phosphorus, Glucose (R),  
Uricacid,  
Urine complete

### **LIVER PROFILE**

Bilirubin, Total & Direct, Total Protein, Albumin, Globulin, A/G Ratio, SGPT, SGOT, GGT, Alkaline Phosphatase

### **CARDIAC SCREENING**

Glucose (R), Cholesterol, Triglycerides, HDL - Direct, ECG & Chest X-Ray

### **FEVER PROFILE**

TC, DC, ESR, MP & MF by QBC, Widal, Bilirubin total & direct, urine complete

### **GIDDINESS PROFILE**

Glucose (F), Cholesterol, TGL, LDL, VLDL, Sodium, Potassium, Complete Haemogram, ESR, FREE T4, SGPT, Total Protein, Albumin, Globulin, A/G Ratio

### **RHEUMATOID PROFILE**

RA - factor, Uric Acid, CRP, ASO, ESR

### **PREGNANCY PROFILE**

Complete Blood Count, Blood Group, HIV, HbsAg, VDRL, Glucose (R), Urine Complete

### **FERTILITY PROFILE – FEMALE**

LH, FSH, Prolactin, Estradiol, Progesterone, Urine Complete, T3, T4, TSH, Antisperm Ab

### **FERTILITY PROFILE – MALE**

Testostérone, Prolactin, Semen Analysis, Urine Complete, T3, T4, TSH

**OSTEOPOROSIS PROFILE**

RENAL PROFILE + RHEUMATOID PROFILE + LIVER FUNCTION TEST