Patented Technology

DSIR TDB

World's First Pathology Lab in a box

"Innovation That Matters"

Accuster...
Expert In-vitro Diagnostics

SAAI ELECTRO BIOGENIC INDIA PVT LTD

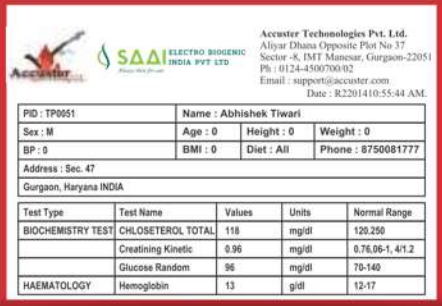
Assam Rifles

PATANJALI

Smile FOUNDATION

NATIONAL RURAL HEALTH MISSION

Skilled Lab technician



SAAI ELECTRO BIOGENIC INDIA PVT LTD

Accuster Technologies Pvt. Ltd.
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Ph : 0124-4500700/02
Email : support@accuster.com
Date : R2201410:55:44 AM.

PID : TP0051	Name : Abhishek Tiwari		
Sex : M	Age : 0	Height : 0	Weight : 0
BP : 0	BMI : 0	Diet : All	Phone : 8750081777
Address : Sec. 47			
Gurgaon, Haryana INDIA			

Test Type	Test Name	Values	Units	Normal Range
BIOCHEMISTRY TEST	CHLOSETEROL TOTAL	118	mg/dl	120.250
	Creatining Kinetic	0.96	mg/dl	0.76,06-1, 4/1.2
	Glucose Random	96	mg/dl	70-140
HAEMATOLOGY	Hemoglobin	13	g/dl	12-17

Online Reporting Format

Camp at the village home site by labike

SAAI ELECTRO BIOGENIC INDIA PVT LTD
Always there for care

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Certifications & Awards

U.S. FDA Certification

ISO 13485:2003

Patented Technology

CE Certification

DSIR Lab Recognised

FITT

AIMS Awards

IBM Awards

SAAI ELECTRO BIOGENIC INDIA PVT LTD

CE FDA ISO 9001: 2000 REGISTERD COMPANY

Patented Technology

DSIR TDB

World's First Pathology Mobile Lab

"Innovation That Matters"

Accuster... Expert In-vitro Diagnostics

SAAI ELECTRO BIOGENIC INDIA PVT LTD

Mobile Lab is Compact Portable Clinical Laboratory in a suitcase having Power Back-Up which contains Biochemistry Analyzer ACCU-ALL /Accu kine, centrifuge, Incubator, Data Recorder/Mini Laptop with Patient Data Management Software, Micropipettes and other accessories.

* Open System
* Portable
* Rugged Analyzer
* Temperature Stability
* Low Power Consumption
* Less Chemical Consumption
* Humidity & Climate independent
* Maintenance Free - Replaced Delicate Mechanism with Rugged Technology
* Reading time of Analyzer is only 2 seconds
* Highly Accurate and Linearity up to 4 times
* No warm up time & cooling time is required
* Blood collection cost is 1/20th of other Labs
* Power Backup-4 hours Extendable to 24 hours

Lab in a Box/Lab on Wheels

Innovative Thinking Leads to Revolutionary Technology

<---with Solar Panel

Quick ROI - in Just 30 Days

Running Cost is Rs 91 for All Tests

Mobile Lab Versisions Available

PCML - All

PCML - Kine

- Satelite Control : Switxhing Off The Labs From Remote Distance
- Test reports Are Accessible Through Website
- Instant Reporting
- Instant Data Transfer from Lab to Laptop/Data Recorder via Bluetooth
- Real Time Data Transfer to Headquarters During field testing

TRAINING ON

I) Maintaining High Standards of Tests Results I ii) Executing Field Medical Camps

Sugar : Glucose

KFT : Creatinine I Urea Uric Acid I BUN I EGFR

LFT : Albumin I Alkaline Phosphatase I Direct Bilirubin I Indirect Bilirubin I Total Bilirunbin I AST(SGOT) I ALT(SGPT) I Total Protein I Globulin I AG Ratio

Hematology : Haemoglobin I RBC I PCV I MCV I MCH I MCHC

Lipid Profile : Cholesterol I HDL I Triglyceride I LDL I LDL Calculative I VLDL I HDL/LDL Ratio I Cholesterol/HDL ratio I CK_MB

Electrolytes : Sodium I Potassium I Chloride I Phosphorus I Calcium I Magnesium

First Time in Healthcare History : Doorstep Testing Became Easy & Cost Effective with Reliable Test Results (Less Than 3% Variation)

Validated at :
AIIMS, R&R Army Hospital, ITBP, Various State's General Hospitals etc...

Recommended by :
ICMR, Rotary Club etc...

ON DGS&D Rate Contract No. PCML/AM-4/RC-CD020000/0715/74/NB107/1061

CE FDA ISO 9001:2000 REGISTERD COMPANY

Patented Technology

DSIR TDB

World's First LaBike

"Latest Innovation of Accuster"

Accuster... Expert In-vitro Diagnostics

Complete laboratory will be retrofitted on client's motor-bike with complete framework to keep listed equipments with bio waste management facility with power back up and GPRS Tracker

SAAI ELECTRO BIOGENIC INDIA PVT LTD

Always there for care

76 TESTS

BIOCHEMISTRY I HEMATOLOGY I SEROLOGY I UROLOGY I ECG I BP & BMI I ONLINE REPORTING

- MOBILE LAB
- MICROSCOPE
- ECG KIT
- SEROLOGY KIT
- UROLOGY KIT
- BP MACHINE
- HEIGHT & WEIGHT
- COLD CHAIN (~2°C)
- DATA RECORDER
- GPS & WEB CAM
- SERVER SUPPORT
- SATELLITE CONTROL
- BIOWASTE MANAGEMENT
- POWER BACKUP
- FOLDABLE TENT
- FOLDABLE CHAIR
- FOLDABLE STOOL

Tests Performed on LaBike

More Than 75 Tests are Performed Including Test For

BIOCHEMISTRY			HEMATOLOGY	SEROLOGY	URINE
Glucose	Direct Bilirubin	**Electrolytes**	Haemoglobin	Widal	Leukocyte
Fasting	Albumin	Calcium	WBC (TLC)	Typhidot (Igm)	Nitrite
Random	SGOT	Chloride	Lymphocyte	Malaria Antigen	Bilinogen
PP	SGPT	Sodium	Granulocyte	Dengue NSI Antigen	Protien
Lipid Profile	ALP	Potassium	RBC	HBSAG	PH
HDL	Total Protein	Magnesium	HCT	HCV	Blood
LDL	Indirct Bilirubin	Phosphorus	MCV	VDRL	Specific Gravity
VLDL	**KFT**		MCH	RA Factor	Ketone
Triglyceride	BUN	**ECG**	MCHC	CRP	Bilirubin
HDL/LDL Ratio	Urea		PCV	Pregnancy (UPT)	Glucose
Cholesterol HDL Ratio	Uric Acid	**BP**	Platelet	Semen Analysis	Appearance
Cholesterol	EGFR		PCT	Semen Fructose	Colour
LFT	Creatinine	**BMI**	P LCR		Reaction
AG Ratio			P LCC		Quanlity
Globulin		**TEMPERATURE**			Bacteria
Total Bilirubin					

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Cost Effectiveness of Labike

Cost Component	Govt. MMU Cost	LaBike Cost
Vehicle	12 Lacks	75K
Operating Coat (per 100km)	1K	100RS
Component Cost	10-12 Lacks (approx)	4.5 Lacks
Driver Salary	12k/month	0
Total Cost Per Vehicle	24.13Lacks	4.70 Lacks

ON DGS&D Rate Contract No. PCML/AM-4/RC-CD020000/0715/74/NB107/1061

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Patented Technology

DSIR TDB

Portable Compact Static Lab

"Innovation That Matters"

Accuster... Expert In-vitro Diagnostics

SAAI ELECTRO BIOGENIC INDIA PVT LTD

IT is Compact Portable Clinical Laboratory in a suitcase containing Biochemistry Analyzer ACCU-KINE/ACCU ALL, Centrifuge, Incubator, Data Recorfer/Mini Laptop with Patient Data Management Software, Micropipettes and other accessories.

- Open System
- Highly User Friendly
- Low Power Consumption
- Less Chemical Consumpition
- 24 Hour Customer Care Support
- Highly Accurate and Linearityup to 4 times
- Maintenance Free - Replaced Delicate Mechanism with Rugged Technology

Lab in a Box

Innovative Thinking Leads to Revolutionary Technology

Running Cost is Rs 91 for All Tests

Static Lab Versions Available

PCSL - ALL I PCSL-KINE

- Satelite Control : Switxhing Off The Labs From Remote Distance
- Test reports Are Accessible Through Website
- Instant Reporting
- Instant Data Transfer from Lab to Laptop/Data Recorder via Bluetooth
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TRAINING ON

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CE FDA ISO 9001: 2000

Patented Technology

Test List

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Glucose

KFT :
Creatinine
Urea
Uric Acid
BUN
EGFR

LFT :
Albumin
Alkaline Phosphatase
Direct Bilirubin
Indirect Bilirubin
Total Bilirunbin
AST(SGOT)
ALT(SGPT)
Total Protein
Globulin
AG Ratio

Hematology :
Haemoglobin
RBC
PCV
MCV
MCH
MCHC

Lipid Profile :
Cholesterol
HDL
Triglyceride
LDL
LDL Calculative
VLDL
HDL/LDL Ratio
Cholesterol/HDL ratio
CK_MB (with Accu-Kine)

Electrolytes :
Sodium
Potassium
Chloride
Phosphorus
Calcium
Magnesium

First Time in Healthcare History : Doorstep Testing Became Easy & Cost Effective with Reliable Test Results (Less Than 3% Variation)

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Accuster...
Expert In-vitro Diagnostics

ECO-SMART ANALYZER

AccuKine Versions
ACCU-KINE I ACCU-KINE +
(UV & Visible Light)

AccuALL Versions
ACCU-ALL I ACCU-ALL +
(Visible Light)

- Based on LED, Patented Technology
- Open System
- Lightest in Weight
- Highly User Friendly
- Memory of 3,000 Reports.
- Less Reagent Consumption
- Lesser Cost of Kinetic Tests
- Low Power Consumption (4watt).
- Highly Accurate and Linearity up to 4 times
- Clinical Biochemistry Test (32 parameters) & 5 Haematology Parameters
- 20 times more life compared to present Analyzer
- Portable, very Rugges and Reliable Analyzer
- Unique way of Calibration which is Quite Cost Effective.
- Maintenance Free - Replaced Delicate Mechanism with Rugged Technology (No filter No Lamp)
- Stable Performance
  - i) It is more precise and Accurate.
  - ii) Internal Thermal Sensitive Printer
  - iii) Less prone to Electromagnetic t effects.
  - iv) Temperature stable device can operate in temperature 5 to 50 degree centigrade.

Online Reporting Format

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Email : support@accuster.com
Date : R2201410:55:44 AM.

PID : TP0051	Name : Abhishek Tiwari		
Sex : M	Age : 0	Height : 0	Weight : 0
BP : 0	BMI : 0	Diet : All	Phone : 8750081777
Address : Sec. 47			
Gurgaon, Haryana INDIA			

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Comparison between Accuster Mobile Lab and Others

Sr. No.	Mobile Lab	Other Conventional Lab
1	Portable and Rugged Device	Non portable and highly sensitive device
2	It is a whole clinical biochemistry laboratory that is handy and easily transportable, Lab in a box, it contain all instruments where Biochemical Analyzer is only one component.	Requires at least a room for the set up, with lot of stringent condition Biochemistry analyzer is a machine on which we can read the concentration of biochemical parameters of blood.
3	It contains Biochemistry Analyzer, Centrifuge, Incubator, Data Recorder with Patient Data Management Software, Micropipettes 4 Cuvette Boxes, Tip Box. It has a proper place for each and every component of Lab	Here all other required components has to be bought separately. Lot of infrastructure is required to run a room lab
4	Customer will have 1 service provider	Different vendors are involved
5	Low voltage Consumption	High voltage required (400watt-5000watt)
6	4 hour power back up via battery packs and Solar Panel which can also be extended	No Back up
7	The whole Lab can operate using a solar panel/batteryfor 24hrs with v. low cost	High investment on space and power
8	Temperature shoul not be maintained (no warm up and cooling time for operations), independent of humisity Lab designed from 0 deg to 50 deg C	Stringent conditions needed to maintain temperature and humidity for usage, there is warm up and cooling time
9	LED technology is used which prevents break downs	Lamps are used (Halogen) which is prone to frequent breakdowns
10	Maintenance free	High & Regular Maintenance
11	Running Cost is low because of following factors 1) Blood collection cost (no vials, transportation of sample, anti coagulants, EDTA vials not required 2) Power Consumption is less	Running cost is high

	Other Automatic Analyzer	Accurate All	Accukine-Upgraded Version
Power Supply	+-220v AC	12v DC	12v DC
Consumables & Reagents Specific	Yes - Closed system	No - Open System	No - Open System
Portability & Rugged Ability	No	Yes Pass 2ft drop test	Yes Pass 2ft drop test
Sample Required	1.0ml	0.5ml	0.5ml
Light Source	Lamps	LED that prevents frequent breakdowns	LED that prevents frequent breakdowns
UV & Visible light	Filters	Virtual filters	Virtual filters
Flow Cell	Sucking mechanism	No pump system required which reduces complexity and delicacy in sample reading sample analysis,	No pump system required which reduces complexity and delicacy in sample reading sample analysis,
Method	End point, Kinetic method	End point, Creatinine only with Kinetic method	End point, Kinetic method
Reading Time	5 sec	2 sec	2 sec
Test performed	Haematology and electrolytes can't be performed	36 test : 31 biochemistry with electrolytes & 5 heamatology parameters	37 test : 32 biochemistry with electrolytes & 5 heamatology parameters
Temp. Required	It should be maintained	Not required	Not required
Maintenance	Highly sensitive	Rugged/Maintenance free	Rugged/Maintenance free
Climate & humidity independent	It needs stringent working conditions for operation	Yes, stable in all environment	Yes, stable in all environment
User friendly	Not user friendly Lot of Programming required	User friendly	User friendly
Weight	5 to 7 kg. Weight	600 Gm.	600 Gm.
Warm up time & Cooling Time	3-5 minutes	Not required	Not required
Modes operation	Tough	Easy	Easy
Economical	High cost	1/3 of an analyzer (Highly economical)	1/3 of an analyzer (Highly economical)
Accuracy/Linear	linear	Highly Linear	Highly Linear
Life		5 Times more than an analyzer	5 Times more than an analyzer