

GREAT CHEMISTRY®



AGD Biomedicals Pvt. Ltd.

COMPANY PROFILE

www.agdbio.com

Since 1996

MKT/F/009/00

Transforming Diagnostics for a Healthy Future

- ▶ One of the largest diagnostic equipment and reagents manufacturers in India, with a global presence
- ▶ 28 Years of Building Trusted Alliances
- ▶ Strong R&D team where innovation begins with curiosity
- ▶ Make in India Products - Indian roots & Global reach
- ▶ Committed to Quality





“GREAT TECHNOLOGY”
DELIVERING
“ACCURATE DIAGNOSTICS”
AT
“AFFORDABLE PRICE”

Our Vision



To become a global leader in Medical Diagnostics by providing the highest level of cost-effective solutions to our customers, through continued research and development.

Our Mission



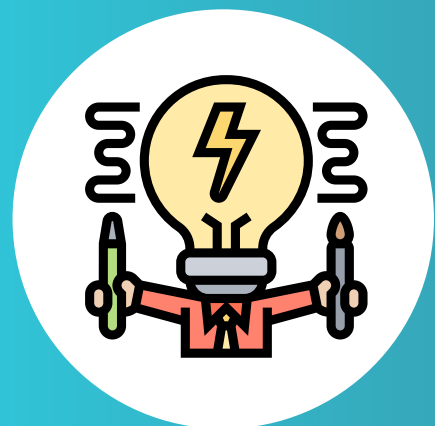
To become the benchmark for excellence in the medical diagnostics industry by designing, manufacturing and delivering products and services of the highest standards.

Core Values



Integrity

AGD commits to honesty and ethical behaviour, fostering trust and a positive culture.



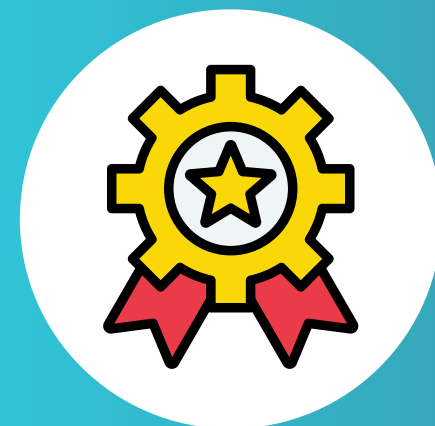
Innovation

We prioritize creativity and continuous improvement, enabling it to adapt to market changes and stand out from competitors.



Care

At AGD we support our employees, build strong customer relationships, and give back to the community.



Excellence

Excellence motivates all our stakeholders and ensures top-quality products and services, leading to a strong reputation and long-term success.

Quality Policy

At AGD Biomedicals Pvt. Ltd., we are committed to delivering high-quality medical devices and reagents that meet our customers' needs.

Quality is a collective responsibility, upheld by our skilled Research and Development and Quality Control teams, ensuring defect-free products.

Our Quality Assurance team adheres to all relevant standards and regulations. With efficient production, marketing, sales, and logistics, we ensure smooth delivery and offer excellent after-sales service.

We prioritize continuous improvement and innovative, cost-effective technology, all aimed at ensuring customer satisfaction through a robust Quality Management System.

Our Strengths

- ▲ Highly dedicated & passionate team
- ▲ Cutting-edge technology in manufacturing
- ▲ World class quality products
- ▲ Trusted OEM collaborator for domestic & international markets
- ▲ Innovative and skilled R&D team
- ▲ ISO 9001:2015 and ISO 13485:2016 certified, ensuring internationally recognized quality standards



Our Journey

30 Years Journey up the value chain in an everchanging market & resource crunched environment

1996-2000

- Founded; Exclusive business associates with Erma Inc, Japan

2001-2005

- Extensive National Marketing Presence Established

2006-2010

- Established 1 manufacturing setup at Baddi
- Launched Semi Automatic Clinical Chemistry Analyser AGD400
- Inhouse R&D setup established

2011-2015

- Introduction of Semi automatic clinical chemistry analyzer, AGD2020
- Established branch offices in Ahemdabad, Kolkata & Pune
- Established branch offices in Varanasi

2016-2020

- Introduction of Electrolyte Analyzer EL-120, Bilirubinmeter B-111, Coagulation reagents
- Ventured in to fully automatic clinical chemistry analyzer market
- Established export capabilities
- Established 2nd manufacturing setup at Rabale - Navi Mumbai
- Established branch office in Kerala

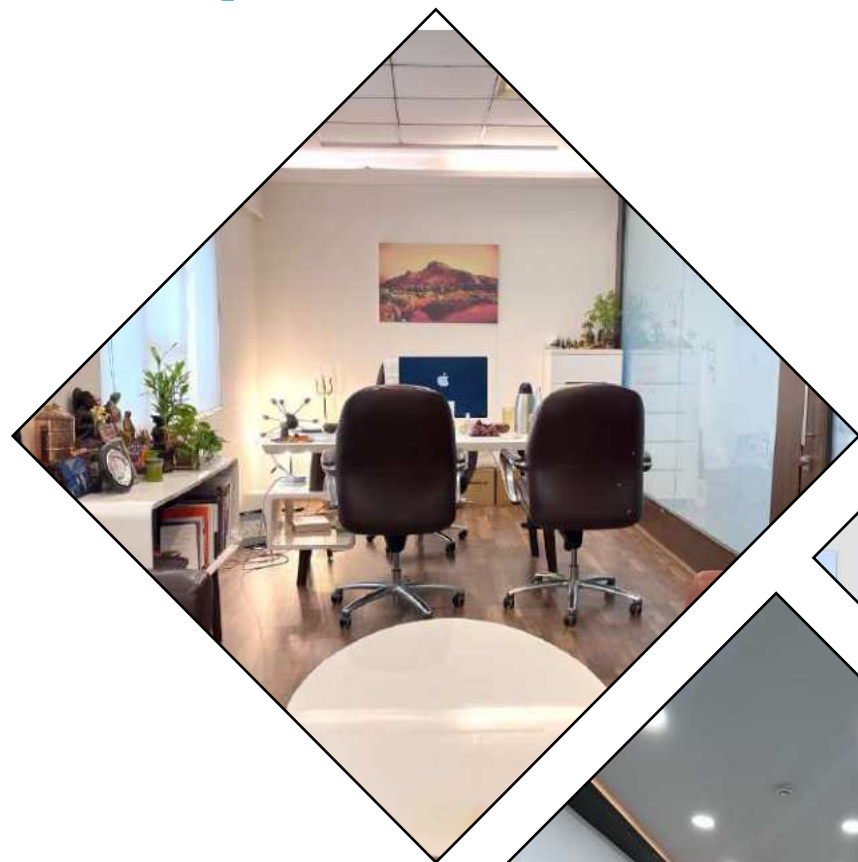
2021- 2024

- Launched Coagulation Analyzer C102, smear making device SB-100, Serology Reagent SeroPak
- Established 3 manufacturing setup at Ambarnath, Mumbai
- **Launched first 100% Make in India 3-part Hematology Analyzer, HT-340**

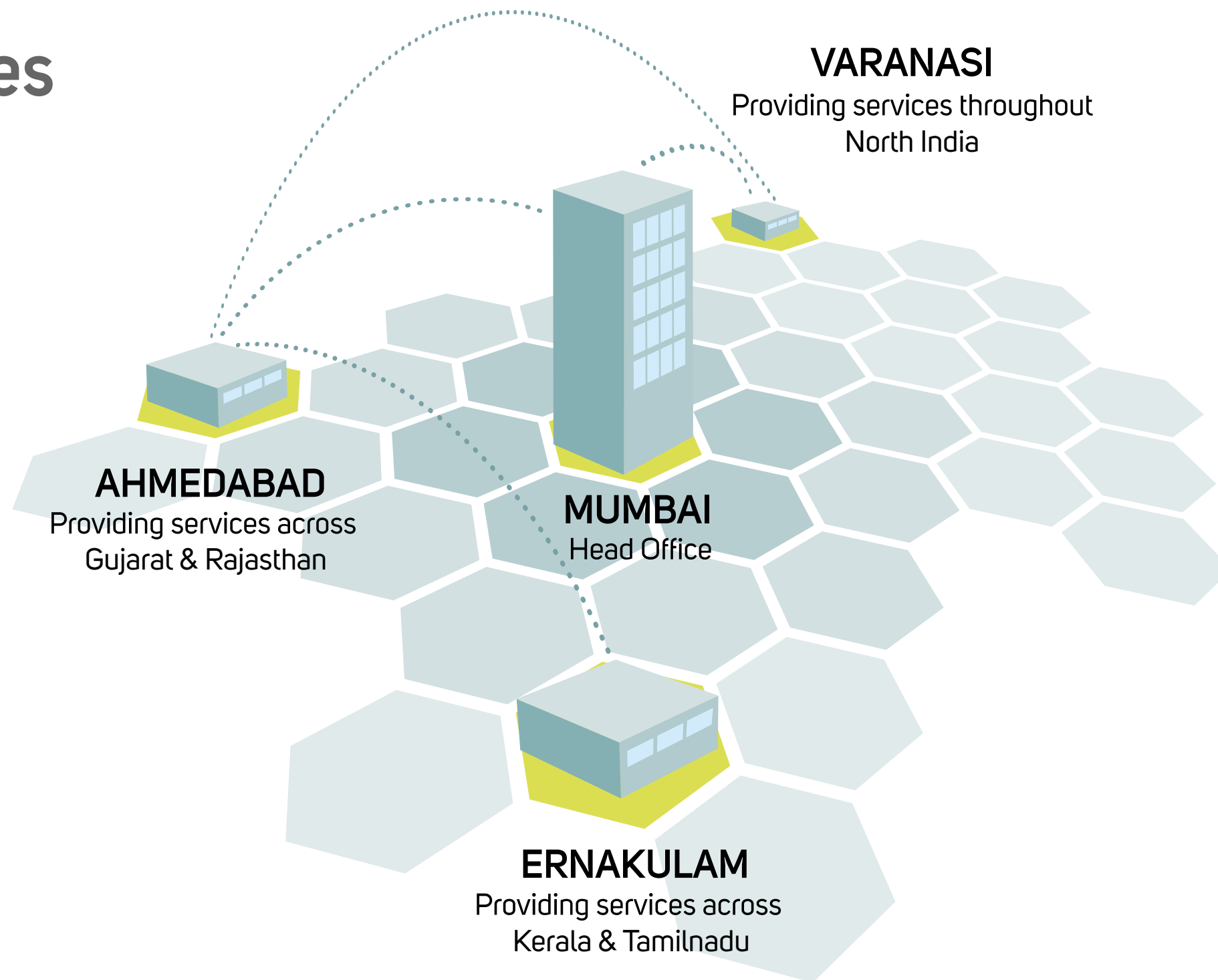
2025- Present

- Launched 5-Part Hematology Analyzer, HT-550

Corporate Office



Branch Offices



Manufacturing Unit - Baddi



Established
in
2006

Dedicated
manufacturing
facility for hematology
reagents &
Semi Automatic
Analyzer

Manufacturing Reagents Unit - Rabale



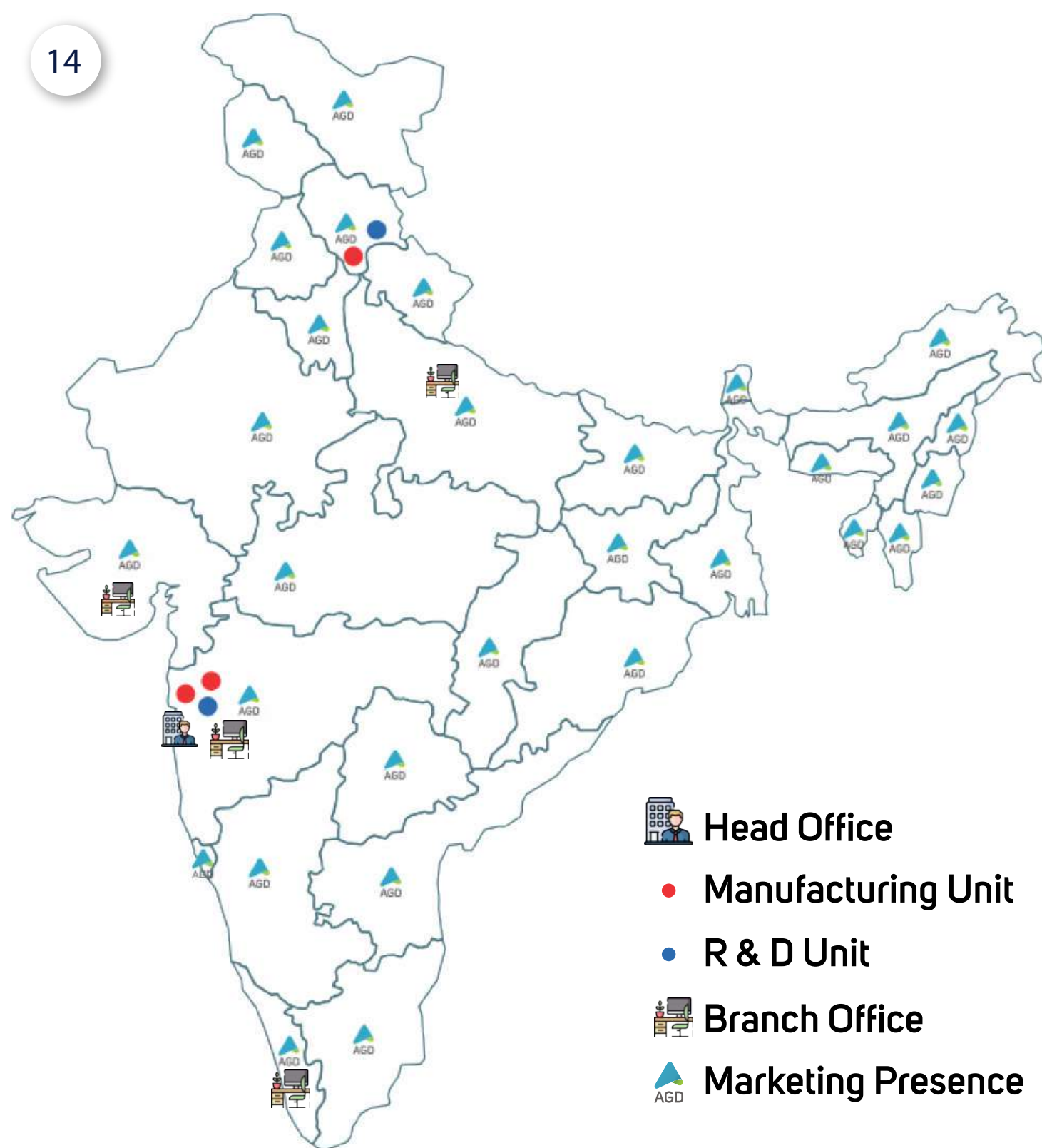
Established
in
2019

Manufacturing Unit - Ambarnath

Established
in
2023



Domestic Presence



**Cities & Towns
covered: 1000+**

**Userbase:
25000+**

**Distributors Network:
700+**



Export Footprint

Strategic market expansion with effective international partnership

Userbase : 15000+

Business Partners : 250+

Countries Present : 55+

R&D Accolades

Featuring indigenously manufactured products

- ▶ Dedicated teams for research & development of instruments and reagents
- ▶ Patented technology for Smear Making Device
- ▶ Pioneers in developing Make in India 3 Part Hematology & Electrolyte Analyzer
- ▶ IMPRINT funding from Ministry of Human Resource Development (MHRD) for development of indigenous 5 Part Differential Counter & several partnerships with IIT Mumbai



Contract Development & Manufacturing Organization

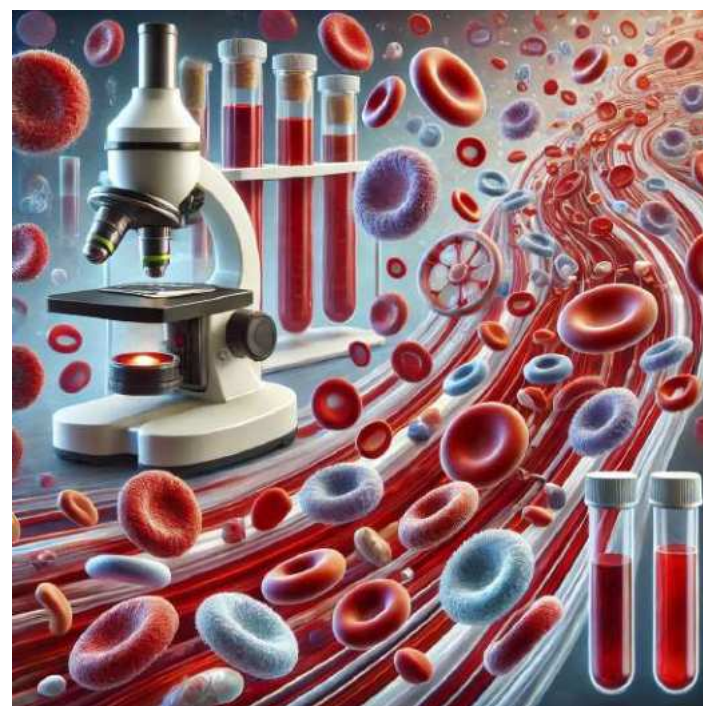


- ▶ OEM collaboration with renowned MNCs
- ▶ We specialize in designing, developing, transferring innovative technologies and transforming ideas into practical solutions. Our processes ensures seamless integration, enabling growth, efficiency and success of our clients.
- ▶ We take pride in manufacturing our own world class Make in India Electrolyte, Biochemistry, Hematology, Coagulation Analyzers and their corresponding reagents.

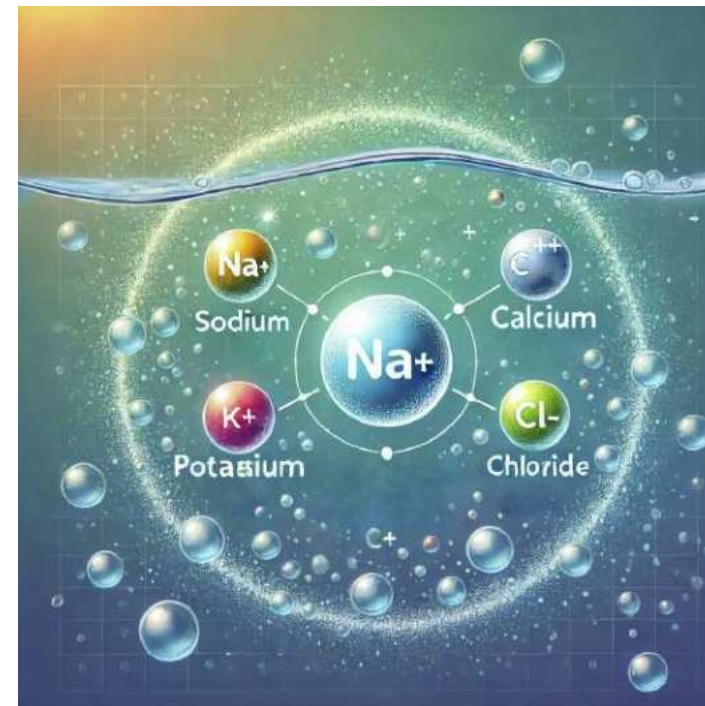
Our Addressable Segments



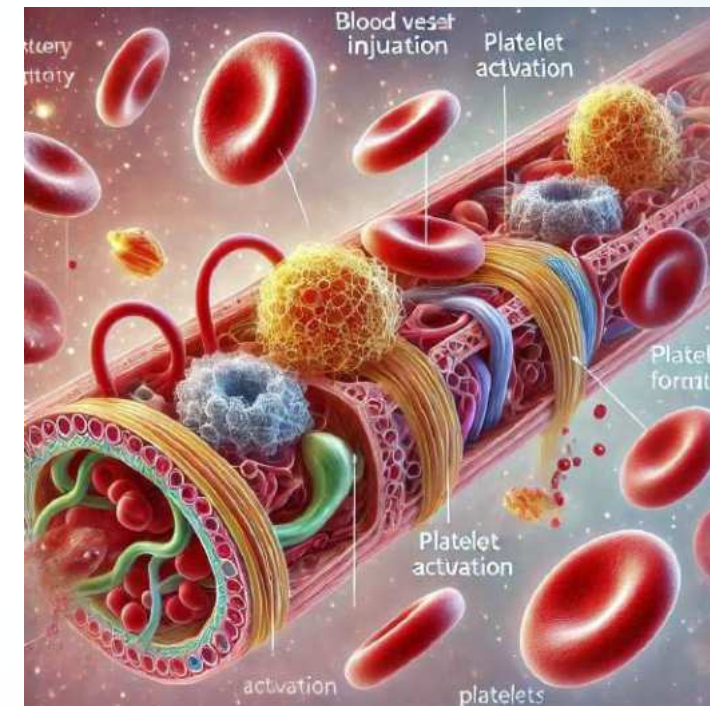
Biochemistry



Hematology



Electrolyte



Coagulation



Our Indigenous Flagship Products



3- Part Hematology Analyzer



HT-340

3-Part Hematology Analyzer

This instrument with advanced impedance technology ensures accurate and highly reproducible results.

- ▶ 22 reportable & 4 research parameters
- ▶ 17 pathological flags
- ▶ Minimum sample quantity required - 7.5µL
- ▶ Accurate differentiation between Iron Deficiency Anemia & β Thalassemia (Minor) using Mentzer and Sehgal index



Hematology Reagents



- ▲ **Ultradil Pro** - (20L) - Particle-free diluting fluid for fully automatic Blood cell counter
- ▲ **Ultralyse Pro** - (500mL) - Quick stromatolysing reagent for automatic Blood cell counter
- ▲ **Ultraclear PRO+** - (250mL) - maintenance reagent to clean the system's internal fluid circuits and probes.



Hematology Reagents

▲ Reagents for PCE-210

Product	Pack Size
Autodil Plus	20 L
Autoclean Plus	2 L
Autolyse Plus	500 mL
Cleaning Solution B	200 mL

▲ Reagents for AGD300

Product	Pack Size
Autodil Plus	20 L
Autolyse Plus	500 mL
Soak Solution	250 mL

▲ Reagents for HT320

Product	Pack Size
Autodil Plus	20 L
Autoclean Plus	2 L
Autolyse Plus	500 mL
Cleaning Solution B	200 mL

▲ Reagents for PCE525

Product	Pack Size
Autodil - ER	10 L
Autoclean - ER	1 L
Autolyse - ER	500 mL
Cleaning Solution B - ER	200 mL

Electrolyte Analyzer

EL-120

Electrolyte Analyzer

EL-120 Electrolyte Analyzer allows measurement of specific ions, accurately and precisely. This supports fast diagnosis of critically ill patients and reduces the risks of patient discomfort associated with repeated sampling.

- ▶ Na⁺, K⁺, Cl⁻, iCa⁺⁺ & pH
- ▶ Low sample volume and cost per test
- ▶ Onboard reagent tracking system
- ▶ Calibration interval after 4 hrs. / 8 hrs. / 12 hrs.
- ▶ In-built quality control with LJ plots
- ▶ Large touchscreen display with graphical user interface



Electrolyte Reagents



ISePak



Tritrol ComboPak



Tritrol Ise Control



IFS ISE Electrolyte



Deproteinizer



Deproteinizer ER
(Conditioner)



Urine Diluent

Enquire now



Semi Automatic Clinical Chemistry Analyzer



AGD 2020

Semi Automatic Clinical Chemistry Analyzer

AGD 2020 is a compact, convenient, new generation analyzer most suitable for medium and small sized laboratories, also as a backup for large laboratories or hospitals

- ▶ 7" graphic resistive touchscreen colour display
- ▶ 245 programs, 20,000 test records with reaction curve
- ▶ Tri-Level quality control with LJ plot
- ▶ Inbuilt incubator

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Semi Automatic Clinical Chemistry Analyzer

AGD2010

Semi Automatic Clinical Chemistry Analyzer

AGD 2010 is a compact, convenient, new generation analyzer most suitable for medium and small sized laboratories, also as a backup for large laboratories or hospitals

- ▶ 5" graphic resistive touchscreen colour display
- ▶ 245 programs, 20,000 test records with reaction curve
- ▶ Tri-Level quality control with LJ plot
- ▶ Inbuilt incubator



Clinical Chemistry Reagents

CliniPak

Clinical Chemistry Reagents

AGD Clinipak reagents are designed for manual procedures in combination with photometric reading on open clinical chemistry analyzers. AGD Clinipak working reagent procedures enable a quick, simplified and reliable manual processing.

AGD Clinipak consists of total 42 different parameters under different profiles

- ▲ Cardiac marker
- ▲ Diabetic Profile
- ▲ Hepatic (Liver) Profile
- ▲ Renal (kidney) Profile
- ▲ Lipid Profile
- ▲ Turbilatex Reagents
- ▲ Infectious Disease
- ▲ Pancreatic Profile



Specialized Chemistry Reagents



ADA



ASO



RF Turbi



CRP Ultra



CRP Turbi



HbA1c

Specialized Chemistry Reagents



Lipase



Microalbumin



Microprotein



Homocysteine



Amylase

Immumoturbidimetry Reagents

TurbiPak



Read More



HbA1c

Immunoturbidimetry Reagents

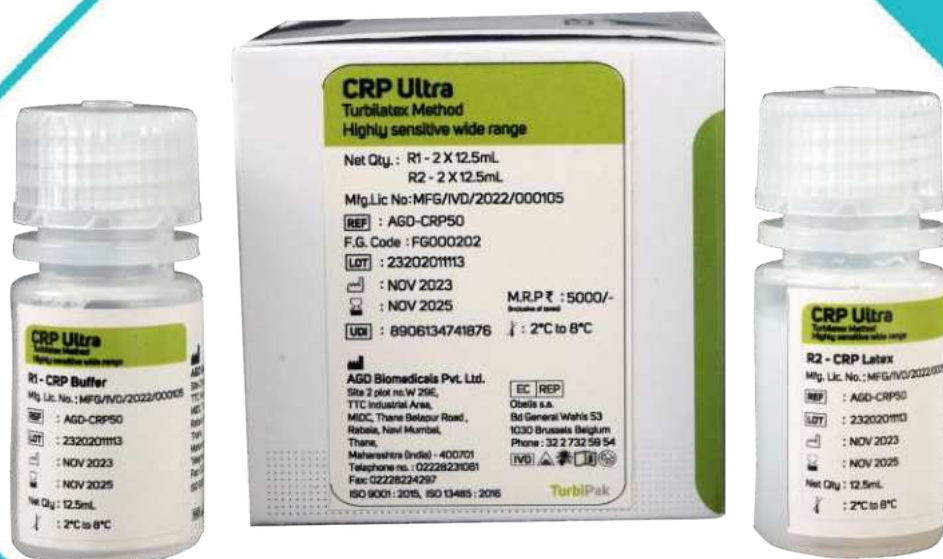
- ▶ Latex Enhanced Immunoturbidimetry method provides high sensitivity and specificity
- ▶ No interference of Hemoglobin variants HbA2, HbC and HbS
- ▶ High Linearity upto 16%
- ▶ Two reagents for ensuring stability with no reagent preparation
- ▶ High correlation with HPLC method
- ▶ Valid for semi-automated as well as fully automated analyzer



HbA1c

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CRP Ultra

CRP Ultra

Immunoturbidimetry Reagents

- ▶ Benefits of hs-CRP at the price of regular CRP
- ▶ Ready to use liquid stable reagent
- ▶ Wide linear range: 0.1 mg/L to 420 mg/L
- ▶ Highly sensitive kit
- ▶ Excellent correlation with a nephelometric assay



CRP Turbi

Immunoturbidimetry Reagents

- ▲ Sensitivity : 2mg/L
- ▲ Ready to use liquid stable reagent
- ▲ Linearity : Up to 150 mg/L
- ▲ Highly sensitive kit giving accurate and precise results at very low levels of CRP
- ▲ Results within 3 minutes ensuring timely diagnosis



CRP Turbi



ASO

ASO

Immunoturbidimetry Reagents

- ▶ High sensitivity in detecting ASO antibodies
- ▶ Provided rapid and accurate results
- ▶ Linear up to 800 IU/ml
High correlation with HPLC method
- ▶ Helps in the diagnosing and monitoring Streptococcal infection



RF

Immunoturbidimetry Reagents

- ▶ Sensitivity : 2 IU/mL
- ▶ Ready to use liquid stable reagent
- ▶ Linearity : Up to 150 mg/L



RF





Microalbumin

Microalbumin

Immunoturbidimetry Reagents

- ▶ Latex-enhanced immunoturbidimetric assay
- ▶ Ready-to-use, liquid-stable reagents
- ▶ Only a 10 μ L sample quantity required
- ▶ Wide assay range:
Sensitivity:- 5 mg/L
Linearity:- 300 mg/L
- ▶ Calibrators included in the kit

Our Other Indigenous products



Single Channel Coagulation Analyzer



C-102

Single Channel Coagulation Analyzer

Compact and advanced coagulation analyzer to minimize the manual intervention in routine coagulation tests – PT, APTT, TT and FIB.

- ▶ Fast and accurate results
- ▶ Detection channel lid blocks stray light and dust
- ▶ Low cost per test – less sample and reagent consumption
- ▶ Built-in thermal printer



Coagulation Reagents



PT



APTT

ThromboPak

ThromboPak for routine coagulation test – PT and APTT

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Smear Making Device



Smearbot SB-100 *Smear Making Device*

Smearbot SB-100 is an automated, compact and tabletop instrument for preparing blood smear. It works on traditional "Wedge or Push Technique".

- ▲ Creates a uniform layer of dispersed cells in a blood smear
- ▲ Smears can be prepared using body fluids
- ▲ Standardizes the quality of smears irrespective of staff experience
- ▲ Speed control mechanism for different Hb concentration
- ▲ Used for routine and special hematological smears



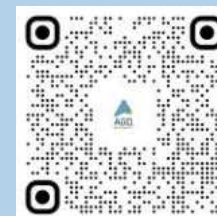


B-111

Bilirubinmeter

A simple, automated and cost effective solution to estimate accurate total serumbilirubin at different stages of diagnosis, treatment and follow up.

- ▶ Dual wavelength photometric analysis
- ▶ Separate mode for hemolysed sample
- ▶ Accurate results from just 40µl sample obtained with heel prick
- ▶ Ease of reporting with two selectable units either mg/dl or µmol/L
- ▶ No reagents are required



Our Other Products



Fully Automatic Clinical Chemistry Analyzer



AGD 1600

Fully Automatic Clinical Chemistry Analyzer

- ▶ Compact, bench top and random access analyzer
- ▶ Throughput of 160 tests /hour
- ▶ STAT facility for sample helps the user with quick reporting
- ▶ Isolated air column in probe to avoid contamination



Fully Automatic Clinical Chemistry Analyzer



AGD 2260

Fully Automatic Clinical Chemistry Analyzer

- ▶ Compact, bench top and random access analyzer
- ▶ Throughput of 200 tests /hour
- ▶ Smart system for user friendly programming
- ▶ High end washing sequence to eliminate errors in reporting



Fully Automatic Clinical Chemistry Analyzer



AGD 4400

Fully Automatic Clinical Chemistry Analyzer

- ▶ Compact design, floor model and random access analyzer
- ▶ Throughput of 400 tests /hour
- ▶ Smart system for user friendly programming
- ▶ Unique cooling system for stability of systempack



Fully Automatic Reagents

SystemPak

These SystemPak Reagents are designed for our Fully Automatic Analyzers

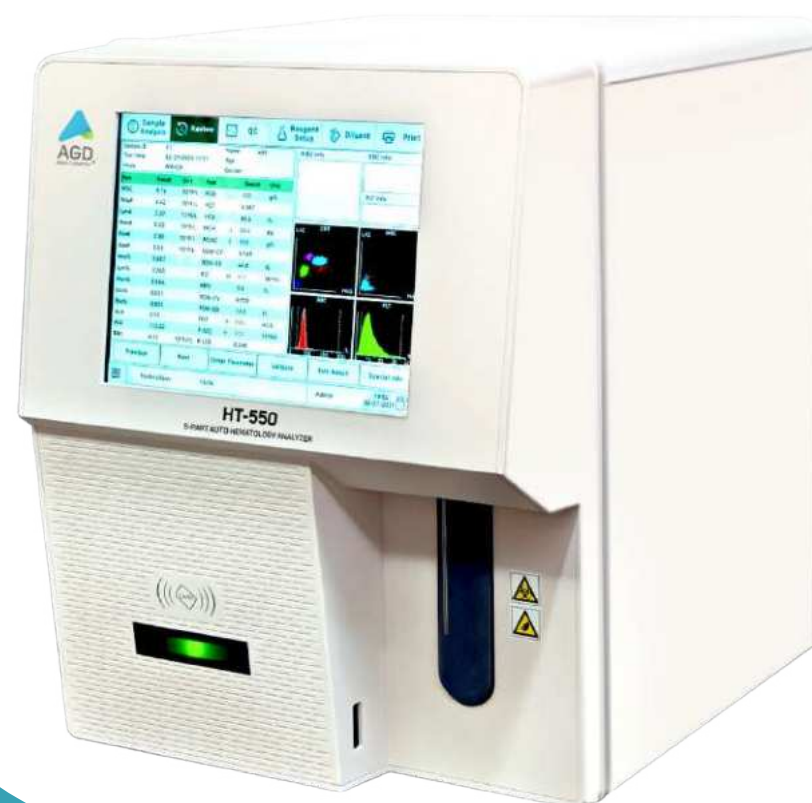
- ▶ 31 parameters of clinical chemistry systempak reagents available
- ▶ Systempak reagents have longer shelf life and are liquid stable
- ▶ Accurate, precise results & eliminates contamination
- ▶ Excellent on-board reagent stability
- ▶ Smaller pack sizes available for special parameters
- ▶ The reagents are manufactured at our ISO 13485:2016, ISO 9001:2015-certified facility



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5- Part Auto Hematology Analyzer



HT-550

5-Part Auto Hematology Analyzer

- ▶ Tri-angle laser scattering and flow cytometry principle for WBC differential count
- ▶ 36 Parameters including 8 research parameters
- ▶ Throughput : 60 samples per hour
- ▶ 28 Flags for accurate analysis
- ▶ Smart Counting Mode for low WBC and low Platelet count
- ▶ Built in Thermal Printer

5- Part Hematology Reagents



- ▶ **UltraDil 5-Diff** – It is used to dilute blood samples and provide a stable environment for counting and sizing blood cells (20L)
- ▶ **UltraLyse Diff** – It is used to lyse red blood cells and differentiate WBCs (500ml)
- ▶ **UltraLyse LH** – It is used to lyse red blood cells, count and differentiate WBCs, and determine the HGB (200ml)
- ▶ **Soak Solution** – It is used to clean the analyzer regularly

Fluoscan-3000

Time-Resolved Immunofluorescence Analyzer

- ▶ Smart solution for accurate results
- ▶ Compact and lightweight
- ▶ Provides reliable, quantitative and highly accurate results
- ▶ Fast incubation time (10-15 minutes)
- ▶ Storage: 100000 test results
- ▶ User-friendly



Microtome Blades



Pathocutter *Micro Blades*

AGD Biomedicals' PathoCutter system offers improved precision, efficiency, safety, and versatility in pathological specimen processing and analysis.

- ▶ New technology process for the production
I.e PINK (Plasma Ion New process by Kai)
- ▶ Innovative "PINK" special blade hardening
technology has improved durability.
- ▶ Six kinds of Pathocutters available for wide
ranges of needs.
- ▶ Designed to handle different tissue types
and sample sizes

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Upcoming Products

▲ ProntoPak - Rapid Test

▲ ECLINOVA 7500
Chemiluminescence Immunoassay

▲ Urine Strips

▲ HPLC Analyzer



Ashish Pradhan
Managing Director

Our Driving Force



Sejal Shah
Director



Vivek Taskar
Director

Leadership Team



A.L.N Prasad
Business Head



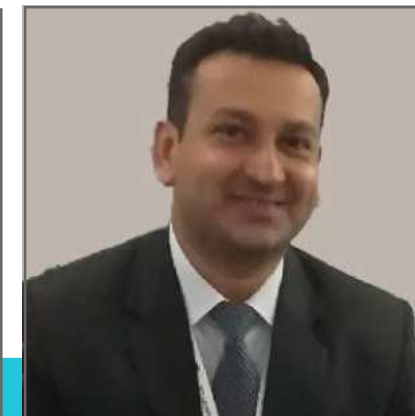
Dr. Gauri Kulkarni
VP (Enterprise Development)



Chirag Gohil
National sales Manager



Vikrant Bhagwat
National sales Manager -
Reagents



Niket Devi
Head - Exports and OEM



Krishnan Ganpathi
National Service Head

Field Leaders



Krishnakant Choubey
Dy. NSM-North & East



Vishal Patel
ZSM - West B



Vipul Panchal
ZSM - West B (Service)



Uttam Patil
ZSM - West A

Field Leaders



Boobalan M. R
Dy. ZSM - South 5 (Sales & Service)



Bratin Das
Dy. ZSM - East



Domendra
Dy. ZSM - Central (Service)



Praveen Katiyar
Dy. ZSM - North A



Bhavesh Das
Dy. ZSM - West B



Sreekumar
Dy. ZSM - Kerala

Our PAN India Associates



ありがとう
 TERIMA KASIH
 gracias
 MULJUMESC
 धन्यवाद
 MERCI
 TEŞEKKÜRLER
 DANKE
 Спасибо
 GRATIAS TIBI
 EΥΧΑΡΙΣΤΩ
 HVALA VAM
 धन्यवाद
 BEDANKT
 مشكور
 धन्यवाद
 გმადლობთ
 THANK YOU

THANK
YOU!

धन्यवाद ขอบคุณ ကကီ
 متشكرم GRATIAS TIBI

谢谢 **Danke** 謝謝
 धन्यवाद 謝謝
 gracias ขอบคุณ
 "Bedankt" СПАСИБО
 Teşekkürler Hvala vam
 BEDANKT Тесеккүрлер
 MULȚUMESC მადლობა
 TERIMA KASIH