



The
Scientific
Group



VET PORTFOLIO



BECAUSE **ALL LIVES** MATTER...

Tel: +27 11 568 9047 | Email: sales@scientificgroup.com

Nova Biomedical

Blood Gas Analysers: Prime Plus VET & Prime CC Comp VET



Stat Profile Prime Plus VET is a comprehensive, whole blood critical care analyzer that combines blood gases, electrolytes, metabolites, co-oximetry, and 32 calculated results in a simple, compact analyzer.

Prime Plus VET combines maintenance-free, replaceable cartridge technology for sensors and reagents with patented, new, maintenance-free & non-lysing whole blood co-oximetry technology.

Reference ranges can be set up per animal species.

Prime Plus VET: **22 measured parameters**

PO₂, PCO₂, pH, Hct, tHb, Na, Cl, K, TCO₂, iCa, iMg, Glu, Lac, BUN, Creat, SO₂%, COHb, O₂HB, MetHb, HHb, SHb, Tbili, FHB.



For animal use only. Not for human application - Blood Gas

Nova VET provides rapid, quantitative blood ketone and glucose testing to support metabolic assessment in both dairy cattle and companion animals.

Using only a tiny blood sample, the system delivers lab-comparable BHB accuracy within the clinically significant subclinical range for early lactation cows, while also supporting the evaluation of diabetic ketoacidosis (DKA) risk in cats and dogs.

Results are available in seconds, enabling earlier intervention, informed clinical decision-making, and improved outcomes across veterinary herd management and companion animal care.



Hand Held Meters:

StatStrip Meters available for:

- Glucose
- Glucose & Ketone
- Creatinine
- Lactate
- Lactate, Hb & Hct
- Creatinine & eGFR



StatStrip Glucose



StatStrip Glucose & Ketone



StatStrip Creatinine

Xpress meters:

- Glucose
- Glucose & Ketone
- Creatinine
- Lactate
- Lactate, Hb & Hct



StatStrip Lactate



StatStrip LAC-Hb-Hct



Nova Max Pro
Creat eGFR



ABX Micros ESV60

Animal Blood Counter

- 50 Samples per hour.
- 11 Animal Species (*dog, cat, horse, ferret, rabbit, rat, mouse, pig, monkey, cattle, sheep*).
- 8 or 18 Parameters.
- CBC + 3 DIFF + Eosinophils.
- Sample volume: Only 10 µL whole blood required.
- Key benefits: User-friendly touchscreen, low maintenance, automatic monitoring, quality control tools, and cyanide-free reagents.
- Storage: Up to 1,000 results with external archiving capability.
- Technology: Impedance-based cell counting and photometric hemoglobin measurement.



ABX Micros ESV60

Yumivet VH2500

Veterinary Hematology Analyzer

The Yumivet VH2500 is a high-end analyzer tailored for veterinary clinical and operational needs, ensuring precise results.

- Real High Throughput Capacity - up to 120 samples/hour.
- Delivers CBC, 9-part differential, and NRBC results in ~ 30 seconds.
- Provides up to 57 reportable parameters for comprehensive hematology testing.
- Multi-species.
- Continuous Workflow.



Yumivet VH2500

Medical Electronic Systems

Veterinary Sperm Testing



Fully Automated Semen Analyzer

Fully automated semen analyzer that delivers a complete semen quality assessment in less than 1 minute. Measures concentration, motility, progressive motility and morphology, while also providing AI dose calculations and Breeding Soundness Evaluations (BSEs).

- **SQA-Vb** (Bovine Sperm Quality Analyzer)
- **SQA-Vp** (Porcine Sperm Quality Analyzer)
- **SQA-Vt** (Avian Sperm Quality Analyzer)
- **SQA-Ve** (Equine Sperm Quality Analyzer)



LOCMEDT

Veterinary Chemistry Analyzer – Noahcali-100

- **Compact, portable veterinary chemistry analyzer** ideal for clinics, farms, equine facilities, and laboratories.
- Performs **biochemistry, electrolyte, coagulation, and inflammation testing** on whole blood, plasma, or serum samples.
- Delivers **up to 43 test parameters** in a single run for comprehensive diagnostic insights.
- Provides **fast, accurate results in just 8–12 minutes** with built-in real-time quality control.
- Requires only a **small sample volume (90–120 µL)**, reducing patient stress and sample handling.
- Features a simple **3-step workflow: add sample, insert disc, and read results.**
- Low-maintenance system with durable components for reliable everyday operation.



Dynamiker Pets Biotechnology (Tianjin) Co. Ltd.



Immunofluorescence Assay

Features:

- Easy to use, only one step is needed before reading the result.
- Fast result reported in 3-12 mins.
- Good performance with high sensitivity.
- Battery/Power supply, Indoor/Outdoor use.

DNP provides two kinds of detection kits, safeguarding pets' health:

- Immunofluorescent detection kit (with analyzer)
- Colloidal gold detection kit (without analyzer)



Immunofluorescence test items:

Canine tests

cCRP, CPV-Ag, CDV-Ag, CCV-Ag, CPV-Ab, CDV-Ab, CAV-Ab, cLSH-Ab, cTOXO-Ab, cPL, cNT-proBNP, cTT4, cTSH, cCortisol, cProg, cRLN, cCyC

Feline tests

fSAA, FPV-Ag, FHV-Ag, FCV-Ag, FCoV-Ag, FeLV-Ag, FPV-Ab, FHV-Ab, FCV-Ab, FIV-Ab, fPL, fNT-proBNP, fTT4, fCyC

Other Animal tests

Giardia Antigen Rapid Test

Toxoplasma IgG/IgM Antibody Rapid Test



CM-50 Vet Clinical Chemistry Analyzer

Intelligent Detection for Longer Pet Companionship

- 100 μ L microvolume sampling, small animals friendly.
- A variety of check-up packages one sample, multiple indicators.
- Portable and compact appearance, meet the needs of animal hospitals.
- With professional intelligent quality control system to guarantee the accuracy of results.

Test Menu:

10 Biochemistry Parameters

ALB, TP, ALT, Crea, BUN, GLU, ALP Bun/Crea, GLOB, ALB/GLOB

10 Pre-op Parameters

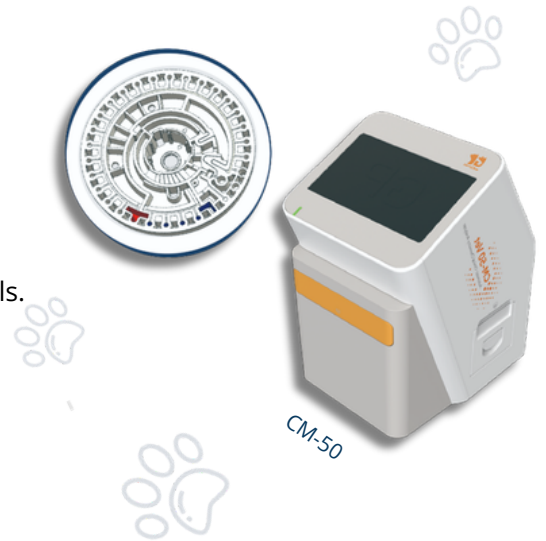
ALT, ALP, TP, CK, AST, LDH, GLU, Crea, BUN, Bun/Crea

16 Health Check Parameters

ALT AST, TB, TP, ALB, GLOB, ALB/GLOB, Glu, AMY, Crea, Bun, Bun/Crea, Ca, PHOS, CK, TG

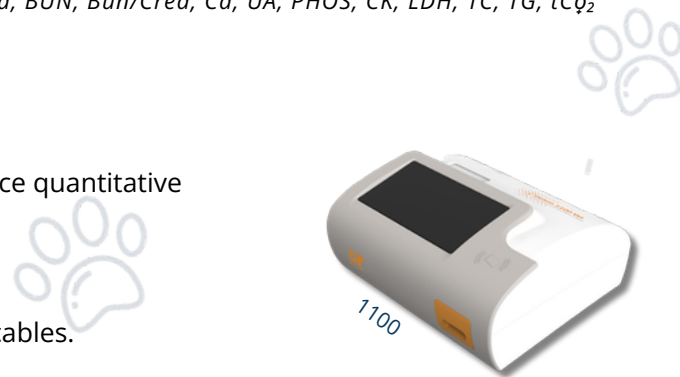
24 Comprehensive Parameters

ALT, AST, GGT, TBA, TB, ALP, TP, ALB, GLOB, ALB/GLOB, GLU, AMY, LPS, Crea, BUN, Bun/Crea, Ca, UA, PHOS, CK, LDH, TC, TG, tCQ₂



Getein 1100 Vet Immunofluorescence Quantitative Analyzer

- Provides high-quality testing and advanced immunofluorescence quantitative technology.
- Get results in 3-15 min.
- Supports WIFI, convenient data transmission, free of network cables.
- Small in size, lithium-ion battery (optional).
- Large display, Android system, user-friendly interface.



Getein 1160 Vet Immunofluorescence Quantitative Analyzer

- Multi-channel, 4 incubation channels for saving operation time.
- Support WIFI connection to the Ani-Q system for printing A4 report sheets.
- RFID cards, with automatic input of test strip information.
- Provide a constant testing temperature at 32°C to ensure accurate results.



Test Menu for all Immunofluorescence Quantitative Analyzers :

Infectious Disease (Antigen)

FPV Ag, FCov Ag, FHV Ag, FCV Ag, CDV Ag, CCVAE, CPV Ag, CPV Ag/CCV Ag

Infectious Disease (Antibody)

FPV Ab/FHV Ab/FCV Ab
CPV Ab/CDV Ab/CH Ab

Cardiac Markers

cTnI, CNT-proBNP, fTnI, fNT-proBNP

Inflammation

cCRP, fSAA

Hormone

cProg, CCortisol, cTSH, T4

Pancreatic Markers

cPL, fPL





KI SCREENING TEST Canine NGAL Detection

The first and only rapid test for semi-quantitative detection of NGAL in urine for early screening of kidney damage in dogs.

Principle of the Test:

KI SCREENING TEST is a lateral flow immunochromatographic device for semi-quantitative detection of NGAL in dog urine samples.

Who are the intended users:

The device is intended to be used by healthcare professionals in order to quickly determine the concentration of NGAL in dog urine, which is directly proportional to the severity of kidney damage and indicative of potential clinical settings.

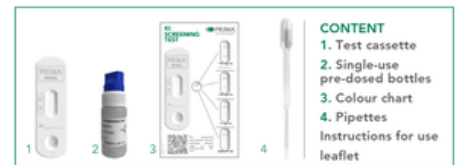
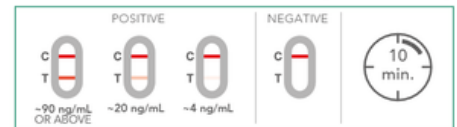


Analytical Performances:

- Sensitivity 99,21%
- Specificity 98,15%
- Accuracy 98,90%



For professional in-vitro diagnostic use only



Rapid Biotec



Rapid Tests

Only a selection of our veterinary rapid tests is shown below. A wide range of additional rapid tests are available.

Canine

- Canine Parvovirus Antigen (CPV Ag)
- Canine Distemper Antigen (CDV Ag)
- Ehrlichia, Anaplasma, Babesia & Lyme Disease Antibody Tests
- Heartworm Antigen Test
- Canine CRP (C-Reactive Protein)

Multi-Species

- Foot & Mouth Disease Test
- Giardia Antigen Test
- Toxoplasma gondii Antigen / IgG-IgM Tests
- Rotavirus Antigen Test
- Babesia gibsoni Antibody Test
- Veterinary Urinalysis Strips
- Bovine & Equine Pregnancy Rapid Tests

Feline

- Feline Immunodeficiency Virus (FIV) Antibody Test
- Feline Panleukopenia Virus (FPV Ag)
- Feline Coronavirus (FCoV) / FIP Tests
- Feline Calicivirus (FCV Ag)
- Feline Herpesvirus (FHV Ag)



Immunofluorescence Analyzer

Fast, in-clinic diagnostic analyzer that delivers **quantitative and qualitative results in under 20 seconds**, with built-in printing and storage for up to 10,000 records. Ideal for canine and feline disease and biomarker testing.

Portable Urine Analyzer

Compact, lightweight urine testing system that provides **multi-parameter urinalysis results in approximately 1 minute**, with automatic interpretation, built-in printer, and storage for up to 10,000 results.



Capricorn Biomedical

Blood Gas Syringes

Single Use Syringes for Arterial Blood Gas Determination.

- Each syringe packaged in peel away pouch.
- Sterile (EO).
- Syringes are coated with dry electrolyte balanced (CA+++)
lyophilized Heparin (USP).

In the following concentrations:

- I) 1 ml – 30 IU Li Hep
- II) 2ml – 50 IU Li Hep
- III) 3ml – 80 IU LI Hep



Blood Gas Syringes with Needle

Single Use Syringes for Arterial Blood Gas Determination.

- Each syringe packaged in peel away pouch.
- Sterile (EO).
- Syringes are coated with dry electrolyte balanced (CA+++)
lyophilized Heparin (USP).

In the following concentrations:

- I) 1 ml – 30 IU Li Hep
- II) 2ml – 50 IU Li Hep
- III) 3ml – 80 IU LI Hep



KW Apparecchi Scientifici



KW Tecnilabo is a leading innovator in controlled temperature equipment, specializing in ultra-low temperature devices down to -90°C. Known for reliability, flexibility, and customization, KW combines strong scientific expertise with certified medical device standards. As a trusted partner, they provide high-quality temperature solutions for our veterinary portfolio.

COLD LINE REFRIGERATORS & FREEZERS

PLASMA SHOCK FREEZERS



KBPR NG - UNDER THE COUNTER



KLAB R



WITH AUTOMATIC DEFROST (KLAB F)



VERTICAL STRUCTURE (KPFF V)

VWR

- Analytical Balance
- Semi-micro Balance
- Precision Balance
- Moisture Balance
- Calibration Weights



avantor™
delivered by **VWR™**

NYZtech

NYZtech provides a vast range of qPCR Kits for the veterinary, food, and pharmaceutical industries. At NYZtech we understand the unique challenges faced by these industries, and our qPCR Kits are specifically designed to meet those needs. Our Kits offer exceptional sensitivity and specificity.

Our products allow the improvement of health and well-being of animals, and ensure the safety and quality of consumer goods. In veterinary medicine, qPCR testing plays a critical role in the diagnosis and surveillance of infectious diseases in animals.



NYZtech
genes & enzymes

Invitek Diagnostics

Molecular Diagnostics

Animal Health

Pathogen PCR Detection in Animals

Nucleic acid targeted analysis emerges as a robust and sensitive tool for the detection of various pathogens that impact poultry and livestock production. Invitek Diagnostics offers a comprehensive and increasing range of InviScreen® diagnostic kits for farm animals that target bacterial and viral pathogens.

- InviScreen® Bovine Viral Diarrhea Virus Detection Kit
- InviScreen® Infectious Bronchitis Virus Detection Kit
- InviScreen® Infectious Bursal Disease Virus Detection Kit
- InviScreen® Mycoplasma (Mg/Ms) Detection Kit

DNA/RNA Extraction from Veterinary Pathogens

- InviSorb® Spin Universal Kit
- RTP® Pathogen Kit
- InviSorb® Spin Tissue Mini Kit



INVITEK
diagnostics



Centrifuges and Distillers

Centrifuges

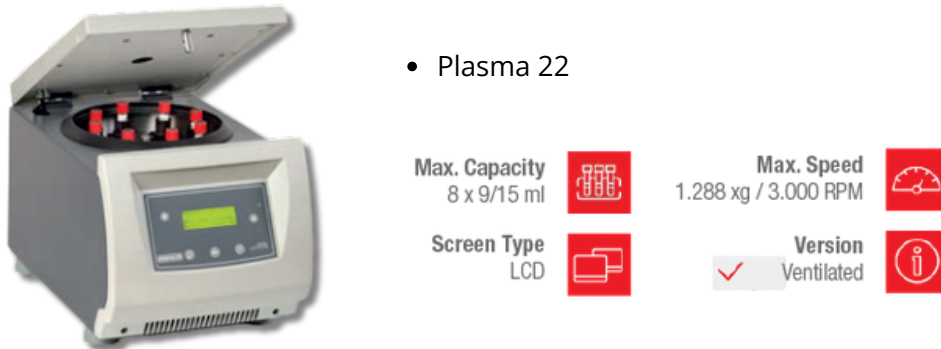
- Digicen 22



- Unicen 21



- Plasma 22



SmartConnect

Thanks to the free Ortoalresa SmartConnect application, you will be able to consult, program and control your centrifuge from the device of your choice; PC, tablet and mobile phone.



Distillers



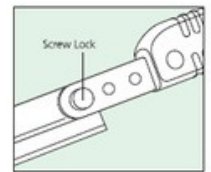
- Automatic distillers of continuous production and with water flow control.
- Stainless steel for the inner and the inner heater, stainless steel painted with epoxy for housing.
- Reduced size.
- Easily removable for its cleaning.
- High quality of distillation: obtains water of types III and IV (laboratory degree water) .
- Conductivity at 20°C: 1,5 microsiemens/ cm.
- Resistivity at 20°C: 0,67 megaohms/ cm.
- pH outcoming water between 5-8 (DA 006) at 25° C.

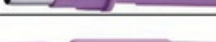


- Histology blades & Biopsy Punches
- Industrial Blades
- Ophthalmology Blades
- Dental Blades
- Surgical Blades
- Microsurgery Blades

Trimming knife handles and blades

Main Features: · The handle is autoclavable, (except F-80mini & F-80HL) · An ideal trimming knife, with a sharp edge for cutting tissue without causing deformation · The securely-fitted blade can be easily attached and removed



Product No.	Inner Diameter		Package
FBP-15			20pcs per Box
FBP-30			
FBP-40			
FBP-50			
FBP-60			
Actual size			
			

K-5100		Blade thickness: 0.25mm
K-5110		Blade thickness: 0.25mm
K-5200		Depth controller both side Blade thickness: 0.25mm at 2.0mm
K-5210		Depth controller one side Blade thickness: 0.25mm at 2.0mm
K-5300		Blade thickness: 0.38mm Angle: 30°
K-5310		Blade thickness: 0.38mm Angle: 25°
K-5400		Blade thickness: 0.38mm
K-5410		Blade thickness: 0.38mm
K-5411		Blade thickness: 0.38mm

Pushed Box of 5 blades

	Stainless steel blade	Carbon steel blade
10		
11		
12		
12d		
14		
15		
15a		
15c		

K-5500		Blade thickness: 0.38mm
K-5510		Blade thickness: 0.38mm
K-5520		Blade thickness: 0.38mm
K-5600		Blade thickness: 0.38mm
K-5610		Blade thickness: 0.38mm Saw toothed on one face

K-18R		Blade thickness: 0.6mm
K-15R		Blade thickness: 0.6mm
K-15L		Blade thickness: 0.6mm
K-12R		Blade thickness: 0.6mm
K-12L		Blade thickness: 0.6mm
K-30		Blade thickness: 0.6mm
K-505		Blade thickness: 0.6mm

	Stainless steel blade	Carbon steel blade
20		
21		
22		
23		
24		
25		

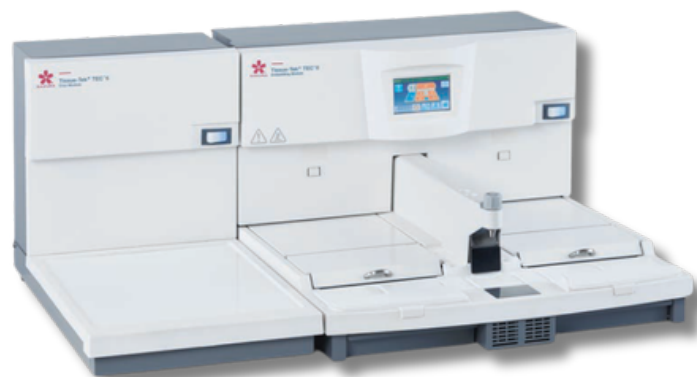
VIP 6AI Tissue Processor

Advanced, gentle reagent agitation with 10 mixing modes ensures optimal tissue processing. Dual 10.4L bulk reservoirs with automatic onboard mixing save time, improve dehydration and defatting, and reduce human error.

Smart solution management monitors reagent levels, enables automatic solution transfer, and simplifies safe paraffin disposal. Built-in bottle checks and advanced fluid sensors prevent errors before runs begin.

Enhanced safety includes a fume control system, automatic paraffin degassing, heated components to prevent condensation, and ergonomic safety locks.

User-friendly design features a high-resolution touch screen, LED-lit cabinet, color-coded ports, flexible cassette capacity (150–300), up to 50 programmable protocols, customizable cleaning cycles, password protection, and optional xylene-free processing.



Tissue-Tek® TEC™ 6 Embedder

A trusted choice for decades, the TEC™ 6 continues Sakura's legacy of reliability and ease-of-use.

This robust, ergonomic, and modular embedding system is designed for laboratories of any size, offering a streamlined, adjustable workflow for maximum comfort and efficiency.



Accu-Cut® SRM™ 500 Rotary Microtome

Designed to support you in producing consistently high-quality sections, this fully manual microtome serves as a reliable partner in microtomy for your lab.

The SRM 500 is equipped with a variety of features to bring you control over your microtomy workload.

- Access high-quality sections & high throughput
- Flexibility at your fingertips
- Your partner in safety
- Sleek in a sweep of a brush



The Capricorn Histology cassettes are tailor-made to ensure samples are processed efficiently and securely.

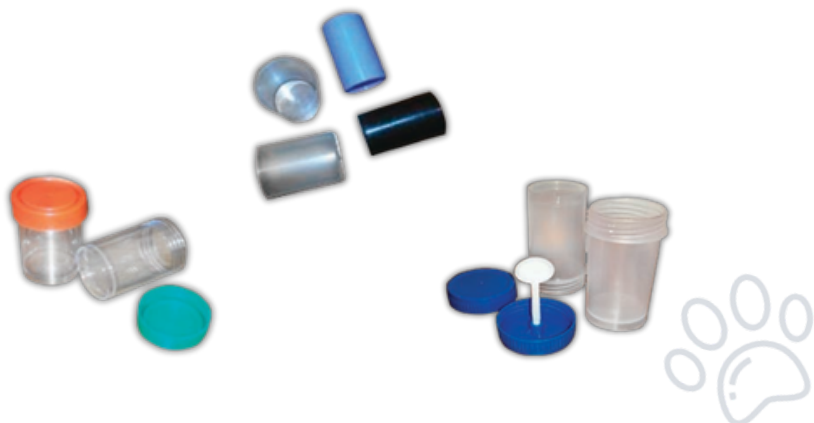
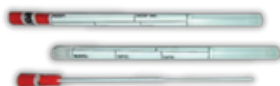
Made from high-grade chemically resistant resin.

Cat Number:	Description:	Pack Size
CAP/1000W 	Biopsy Embedding cassette with lids 1mm ² fine pores for optimal fluid exchange during processing cycle. Available in: White, Pink, Grey, Blue, Lilac, Orange, Green, Red, Aqua and Yellow	1000/Pack
CAP/1001W 	Uni-cassettes Embedding with lids 1.5 mm holes for optimal exchange of fluid with larger specimens (34 Holes) Available in: White, Pink, Grey, Blue, Lilac, Orange, Green, Red, Aqua and Yellow	1000/pack
CAP/1002W 	Processing and embedding cassettes 0.5 mm slats for optimal exchange of fluid with larger specimens (56 slats) Available in: White, Pink, Grey, Blue, Lilac, Orange, Green, Red, Aqua and Yellow	1000/Pack

Tools & Carbide Plastics

TCP

- Specimen Jars: 35ml, 40ml & 150ml
- Scoop Jars: 35ml & 40ml
- Test Tube Covers: 16mm & 20mm
- Cotton Swabs: Plastic & Wood Shaft
- Oropharyngeal Swabs: Cotton & Rayon
- Nasopharyngeal Flock Swabs



Laboratory Consumables - Plasticware and Glassware

- Pipettes and Pipette Tips: Manual and Automation
- Microplates: Multiple Well
- Tubes: Centrifuge, PCR, Cryogenic, Barcoded
- Petri Dishes
- Cell Culture Flasks and Media
- Tubes: Centrifuge and Microcentrifuge
- Storage Bottles: Glass and Plastic
- Sample Containers
- Cryogenic Storage
- Filtration: Vacuum Flask, Syringe Filters, Cell Strainers
- PCR Solutions: Tubes, Plates, Sealing Film

*Laboratory Equipment - General Benchtop*

- Vortex, Shakers, Rotators, Rockers and Mixers
- Pipettes and Bottle Top Dispensers
- Mini Centrifuges
- Incubators, Dry bath heater, Incubators, Waterbaths, Hotplate Stirrers
- Electrophoresis units, Thermal cycler, Sealing Film, Gel documentation Systems



SG Vac



- Blood Collection Tubes: EDTA, Citrate, Plasma, ESR, SST, Plain Serum, Glucose, Speciality
- Microtainer Tubes
- Blood Collection Needles: Safety needles, Safety Butterfly Needles
- Lancets : 21G to 30G
- Blood Collection Accessories: Holders, Quick Release Holders, Paediatric Tourniquets
- Disposable Waste Containers
- Nasal Swabs

**Platelet Rich Plasma tubes:**

The Platelet Rich Plasma (PRP) tubes are designed to be used for preparation of autologous platelet rich plasma from a small sample of peripheral blood for mixing with autograft and/or allograft bone prior to application to a bony defect for improving handling characteristics.





The Scientific Group

For more product information, please contact your nearest representative:

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