We bring innovations in diagnostics.

VETERINARY ANALYSIS

Analyzers and Reagents

- HEMATOLOGY
- IMMUNOLOGY



NeoMedica
bioscience technology



VETERINARY PRODUCT LINE
IMMUNOLOGY ANALYZER



ArcA
VETERINARY IMMUNOANALYZER

Combine various type of tests to maximize the efficiency and at the same time minimize analytical error.

ARCA Veterinary monotest immunoanalyzer is designed for safe and easy sample manipulation and providing fast and reliable results.

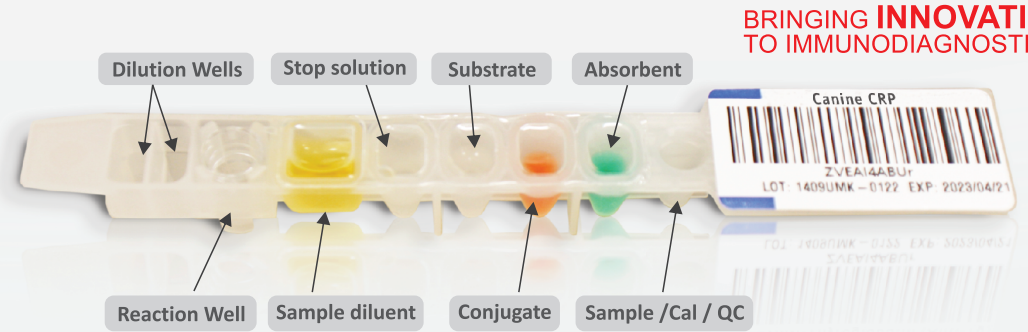
Just put in the cartridge, click "Run" and get the results!

The ARCA analyzer is fully automated Monotest immunoanalyzer which uses unique monotest resgent cartridge concept, embraced state-of-the-art technology and offers outstanding flexibility. ELISA test method, as the well proven gold standard for veterinary analyses, provides outstanding flexibility and constant development of new test parameters.

ArcA Reagent Cartridge

The ArcA reagent cartridge only can be used with automated ArcA VET immunoanalyzer. Cartridge holds a complete set of reagent enough for one patient sample. Eeach test box consists of 24 cartridges including calibrators and controls.

BRINGING **INNOVATION** TO IMMUNODIAGNOSTICS



- **All reagents needed to perform tests are incorporated in a single ready-to-use barcoded cartridge.**
- **Up to 30 different assays can be performed simultaneously in one cycle.**

Its versatility comes from the fact that it is a perfect instrument for the most demanding laboratories, as well as for those ones that are making first steps towards automation.



Reagent Cartridge

The ArcA reagent cartridge only can be used with automated ArcA immunoanalyzer.
Cartridge holds a complete set of reagent enough for one patient sample.
24 cartridges including calibrators and controls.

BOVINE CODE	DESCRIPTION	GROUP	SPECIES
NV4208	Brucella	Bacteria infection	bovine / porcine
NV4503	Progesterone milk	Fertility Panel	bovine
NV4502	Pregnancy-Associated Glycoproteins (PAG)	Fertility Panel	bovine / goat
NV4602	Bovine Haptoglobin	Infection	bovine
CANINE			
NV4203	Ehrlichia	Bacteria infection	canine
NV4204	Anaplasma	Bacteria infection	canine
NV4205	Leptospira IgM	Bacteria infection	canine
NV4206	Leptospira	Bacteria infection	canine
NV4201	Chlamydia IgG	Bacteria infection	canine
NV4221	Borrelia IgM	Bacteria infection	canine
NV4202	Mycoplasma IgG	Bacteria infection	canine
NV4401	Cortisol	Endocrine panel	canine / feline
NV4501	LH	Fertility Panel	canine
NV4902	Progesterone	Fertility Panel	canine
NV4903	Testosterone	Fertility Panel	canine
NV4601	Canine C-Reactive Protein (CCRP)	Infection	canine
NV4701	Candida IgG	Mycoses	canine
NV4804	Leishmania	Parasite infection	canine
NV4805	Babesia	Parasite infection	canine
NV4806	Dirofilaria Antigen	Parasite infection	canine
NV4807	Echinococcus	Parasite infection	canine
NV4808	Sarcoptes	Parasite infection	canine
NV4809	Toxocara	Parasite infection	canine
NV4801	Toxoplasma IgG	Parasite infection	canine / feline

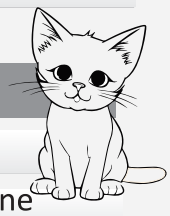


ArcA EFFICIENCY

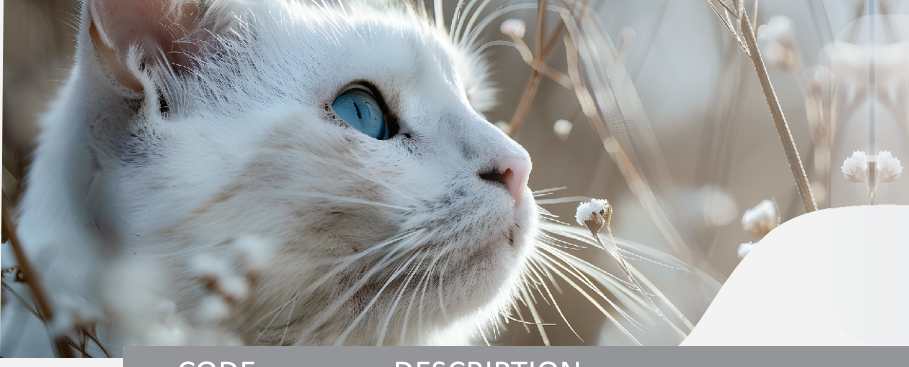
- Save time and avoid clerical mistakes in pre-analytic phase: NO REAGENT PREPARATION!
- SIMPLIFY OPERATION. Just add sample and click RUN.
- Barcoded labels prevent handling mistakes.
- No reagents collection and storage in post-analytic phase



CODE	DESCRIPTION	GROUP	SPECIES
CANINE			
NV4802	Nematoda IgG	Parasite infection	canine / feline
NV4803	Cestoda IgG	Parasite infection	canine / feline
NV4811	Toxoplasma IgM	Parasite infection	canine / feline
NV4901	Estradiol	Steroid	canine
NV5003	T4	Thyroid Panel	canine
NV5005	TSH	Thyroid Panel	canine
NV5001	T3	Thyroid Panel	canine / feline
NV5002	Free T3	Thyroid Panel	canine / feline
NV5004	Free T4	Thyroid Panel	canine / feline
NV5101	HSV 1+2 IgG	Viral infection	canine
NV5126	Canine Distemper Virus (CDV)	Viral infection	canine
NV5103	Canine Parvovirus	Viral infection	canine
NV5104	Rabies Virus	Viral infection	canine / feline



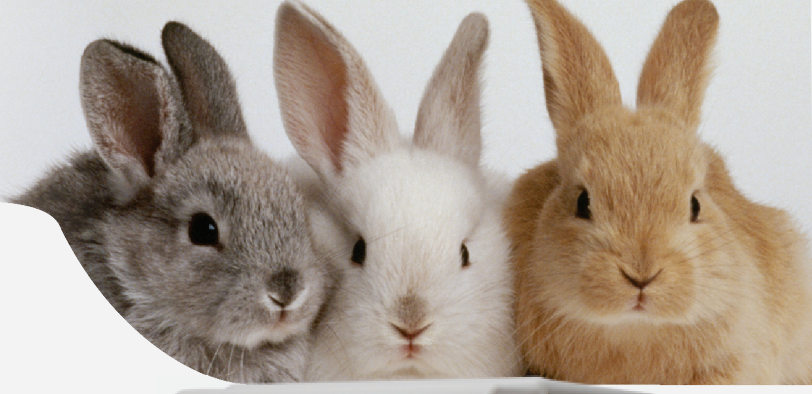
FELINE			
NV4207	Bartonella	Bacteria infection	feline
NV4401	Cortisol	Endocrine panel	canine / feline
NV4801	Toxoplasma IgG	Parasite infection	canine / feline
NV4802	Nematoda IgG	Parasite infection	canine / feline
NV4803	Cestoda IgG	Parasite infection	canine / feline
NV4811	Toxoplasma IgM	Parasite infection	canine / feline
NV5001	T3	Thyroid Panel	canine / feline
NV5002	Free T3	Thyroid Panel	canine / feline
NV5004	Free T4	Thyroid Panel	canine / feline
NV5102	FIV	Viral infection	feline
NV5130	Feline Corona Virus (FCoV/FIP)	Viral infection	feline
NV5131	Feline Leukemia Virus (FeLV) Antigen	Viral infection	feline



ArcA PRODUCTIVITY

- Less human effort
- No need for highly educated lab stuff
- Wide range of tests
- New tests constantly developed
- Flexible job list
- Rare and routine kits available on one platform

CODE	DESCRIPTION	GROUP	SPECIES
POULTRY			
NV4212	Riemerella	Bacteria infection	poultry
NV5106	Newcastle Disease Virus Antibody	Viral infection	poultry
NV5107	Avian Pneumovirus (APV) Ab	Viral infection	poultry
NV5108	Avian Reovirus (Reo) Ab	Viral infection	poultry
NV5109	Infectious Bursal Disease Virus (IBDV) Ab	Viral infection	poultry
NV5110	Infectious Bronchitis Virus (IBV) Ab	Viral infection	poultry
RUMINANT			
NV4213	Coxiella	Bacteria infection	ruminant
NV4214	Coxiella Phase 1	Bacteria infection	ruminant
NV4215	Coxiella Phase 2	Bacteria infection	ruminant
PORCINE			
NV4208	Brucella	Bacteria infection	porcine / bovine
NV4211	Pasteurella multocida Toxin Antibody	Bacteria infection	porcine
NV4812	Trichinella	Parasite infection	porcine
EQUINE			
NV5139	Herpesvirus 1 (EHV-1)	Viral infection	equine
RODENTS			
NV5137	Hantavirus	Viral infection	rodents
MULTISPECIES			
NV4209	Borrelia	Bacteria infection	multispecies
NV4210	Clostridium tetani toxin 5S	Bacteria infection	multispecies
NV4222	Yersinia	Bacteria infection	multispecies
NV4810	Giardia Antigen	Parasite infection	multispecies stool
NV5135	TBE/FSME	Viral infection	multispecies
NV5136	TBE/FSME IgM	Viral infection	multispecies
NV5138	Hepatitis E Virus (HEV)	Viral infection	multispecies



VETERINARY PRODUCT LINE
HEMATOLOGY ANALYZERS

PHOENIX NCC-30Vet
Fully automated 3-Part Diff veterinary Hematology Analyzer (40 samples / hour)



- **Phoenix NCC-30Vet** is a 3-diff hematology analyzer which provides maximal CBC accuracy in analyzing animal blood.
- Supports both whole blood and capillary blood samples in open vial.
- Electrical impedance and Photoelectric colorimetry.
- Linux operation system.

TECHNICAL SPECIFICATIONS

- Principles of operation: WBC/RBC/PLT: Electrical impedance; HGB: Photoelectric Colorimetry
- Parameter: 3-part differentiation of WBC WBC,LYM#, MID#,GRAN#,LYM%,MID%, GRAN%, RBC, HGB,HCT,MCV,MCH,MCHC,RDW-CV,RDW-SD,PLT,MPV, PDW, PCT,P-LCR, P-LCC.
- Sample volume: Whole blood 10uL, Pre-diluted 20uL
- 24 parameters including 3 histograms (WBC,RBC,PLT)
- General Throughput: 40 samples/hour
- 24 hour continuous running, auto stand-by
- Storage: more than 100.000 sample results including histograms
- Dimension of aperture: WBC/RBC/PLT: 80μm
- 57 mm type internal thermal printer
- Calibration and QC program for each animal
- Supported LIS and HIS with HL7 protocol
- Parallel Port and USB for external printer
- Shortcut keys with standard mouse and keyboard
- Interface: Support RS232, standard network port and USB, Bar code reader (optional)
- 3 cyanide-free reagents
- Open tube sampling system
- Automatic cleaning, flush, cauterize
- Optional outprint without measurement delay
- Alarm and warnings: Error messages
- Non-stop work load
- Large color LCD display 10.4" & Linux operation system
- QC Mode: L-J,X,X-R,X-B
  Manual & auto calibration
- Power supply: AC100-240V~50/60Hz
- Dimensions: 650(L)x470(W)x600mm(H)
  Gross Weight: 23 kg

ANIMAL SPECIES

13 pre-defined animal types:
Dog, Horse, Cat, Monkey, Cow, Pig, Buffalo, Rabbit, Camel, Rat, Mouse, Sheep, Goat and

3 types defined by user

Linearity Range

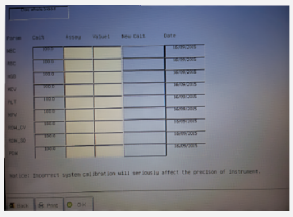
WBC: $0.0x10^9$/L - $99.9x10^9$/L
RBC: $0.1x10^{12}$/L - $7.00x10^{12}$/L
HGB: 0 - 300 g/L
PLT: $0x10^9$/L -$999x10^9$/L



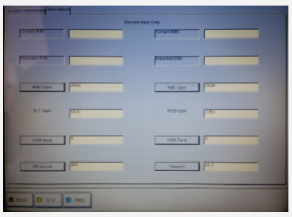
13+3 type of animals



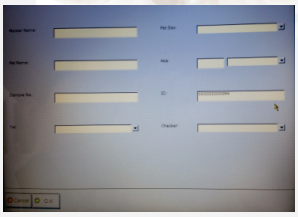
Calibration screen



Diff. gain for each animal



Animal information

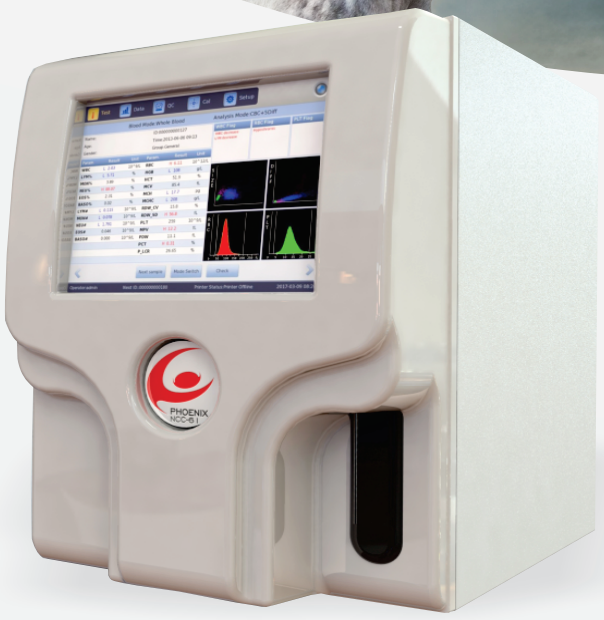




PHOENIX NCC-61Vet

Fully automated 5-Part Diff veterinary Hematology Analyzer (60 samples / hour)





- **Phoenix NCC-61Vet** is a 5-diff hematology analyzer which provides maximal CBC accuracy in analyzing animal blood.
- Supports both whole blood and capillary blood samples in open vial.
- **Phoenix NCC-61Vet** uses helium-neon laser for the flowcytometry system.
- The complete analysis of cell size, granularity and complexity is gained by calculating different angles via laser scatters.

ANIMAL SPECIES

13 pre-defined animal types:
Dog, Horse, Cat, Monkey, Cow, Pig, Buffalo, Rabbit, Camel, Rat, Mouse, Sheep, Goat and

3 types defined by user

16 pre-defined animal settings

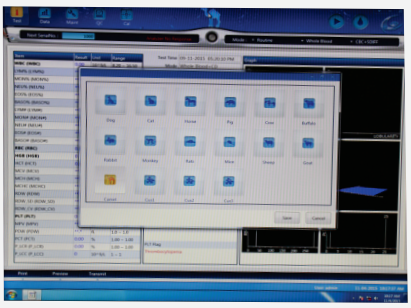
4 cyanide-free reagents
Diluent, Sheath,Detergent, Lyser

SOFTWARE

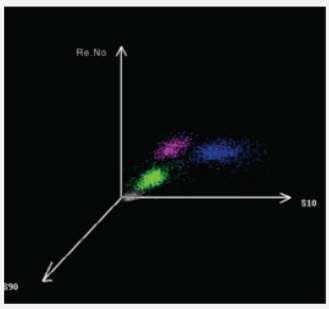
- By simple and well-organized software user can simply review and have control on complete records and results of analysis.
- Windows platform and remote systems
- Optional remote assistance through Internet

REAGENTS	PACK
Neo-Diluent B	20L
Neo-Detergent B	20L
Neo-Sheath B	20L
Neo-Lyse B	1L
Maintenance reagent: Neo-Cleaner 100	100mL

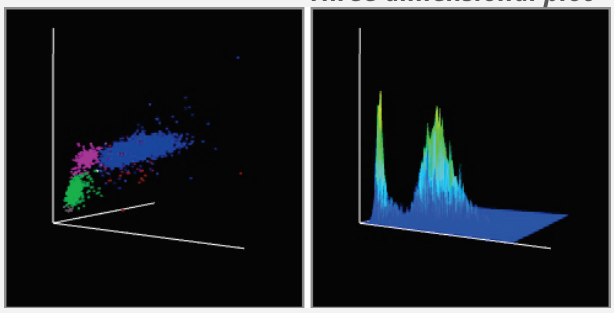
Species testing Screen



3D Scatters



Three dimensional plot



NeoMedica DOO has been a leading provider of innovative IVD solutions for human diagnostics for over 25 years. New product development focused on scientific excellence always was and remains a key strategic priority for NeoMedica. With our expertise and vast experience we have continued to build advanced diagnostic solutions and are now taking next steps into the realm of veterinary diagnostics.

Our industry-unique products and systems automation has positioned NeoMedica as a preferred partner in the modernization of the IVD veterinary market, where our special design, manufacturing, installation and support capabilities provide our partners with safe, compliant, and cost-effective solutions that enhance the veterinary diagnostics.

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