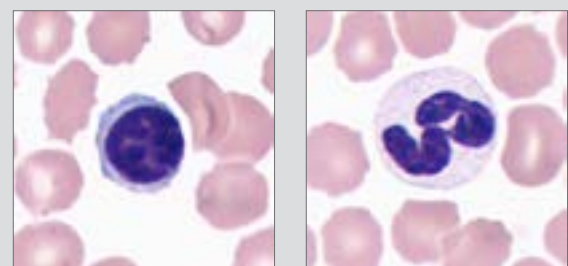
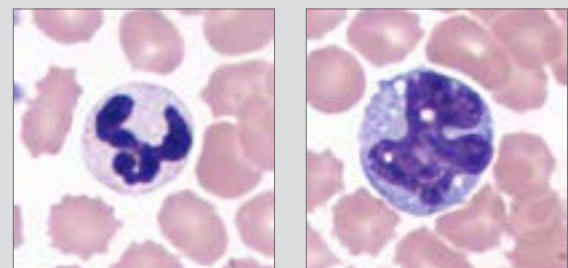
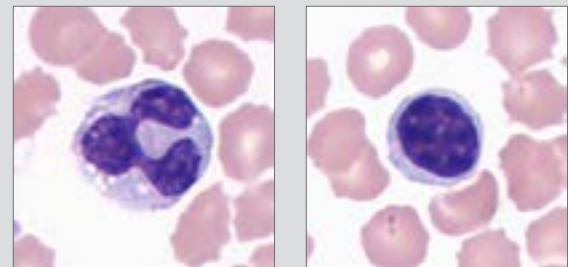
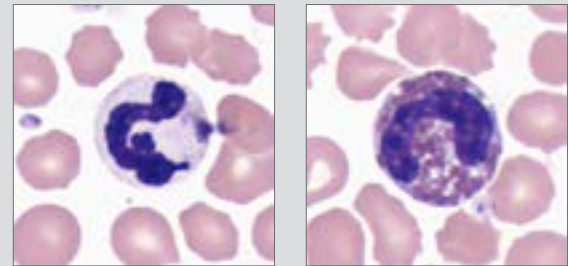
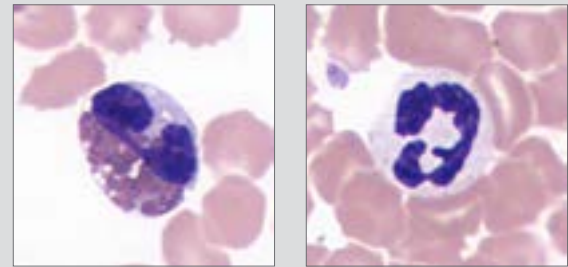
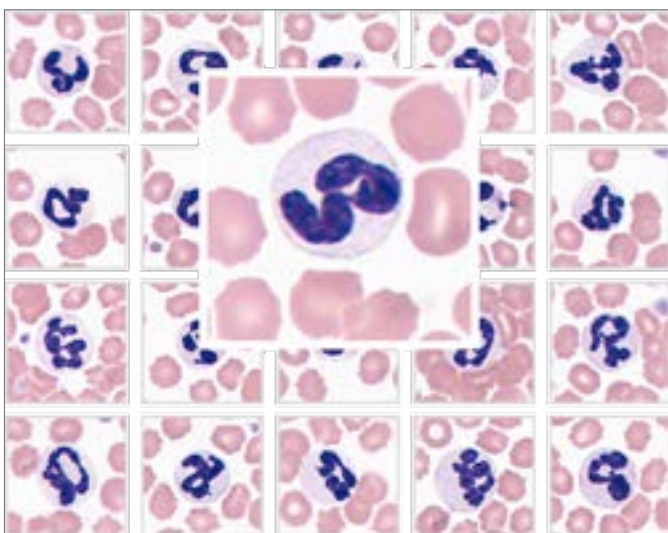
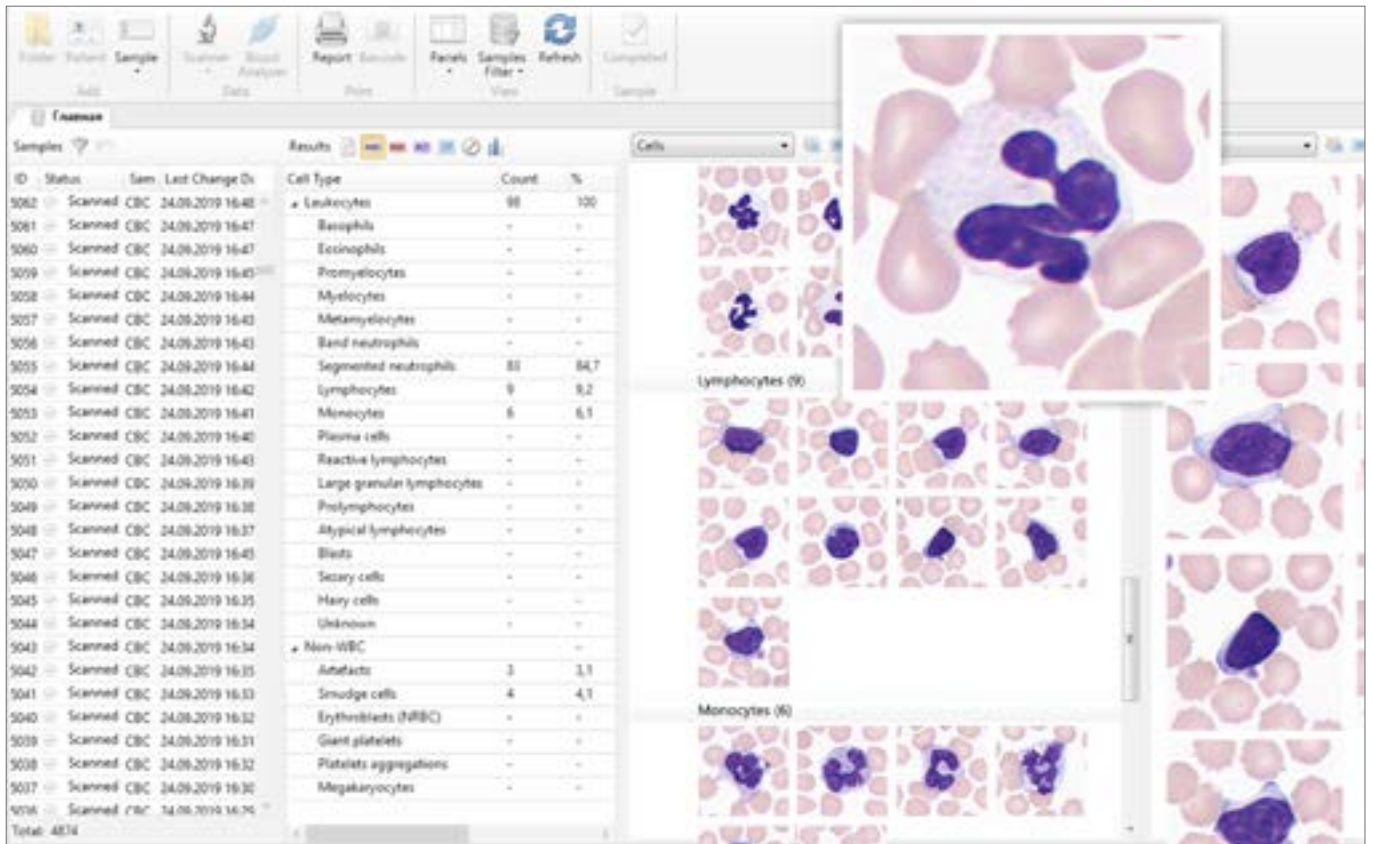


Automatic animal blood cells analysis



Automatic animal blood cells analysis

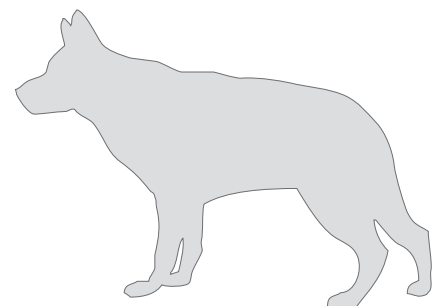
Vision Hema Vet

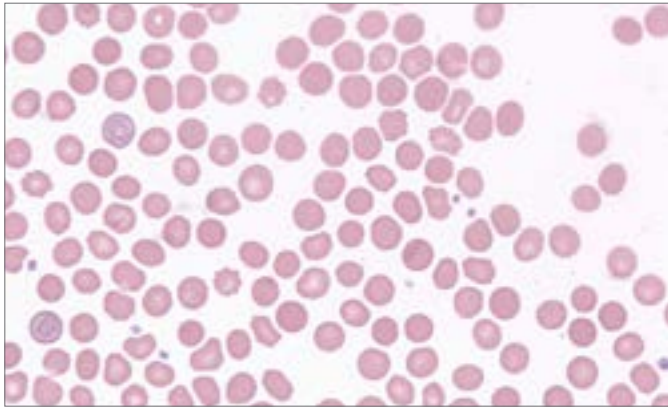


Dog blood cells

Identification and pre-classification of leucocytes

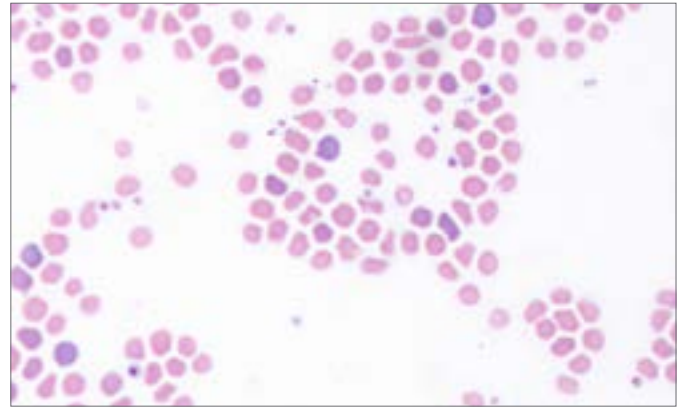
- Basophils
- Eosinophils
- Promyelocytes
- Myelocytes
- Metamyelocytes
- Band neutrophils
- Segmented neutrophils
- Lymphocytes
- Monocytes
- Reactive lymphocytes
- Blasts
- Erythroblasts





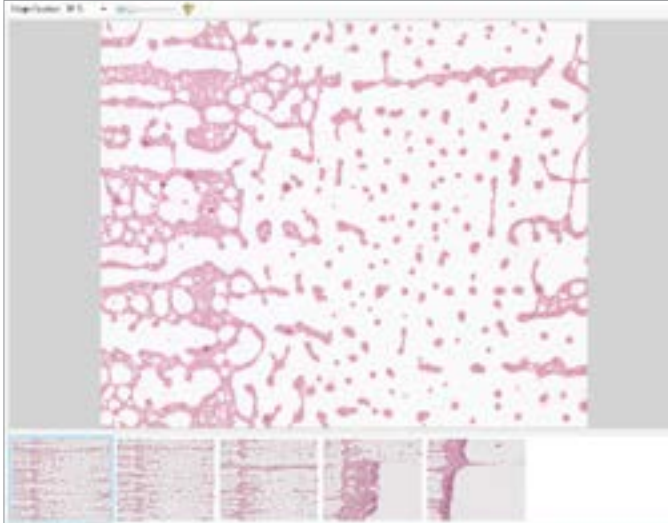
Analysis of erythrocytes

- Size
- Color
- Shape
- Inclusions



Analysis of platelets

- Normal
- Micro
- Macro



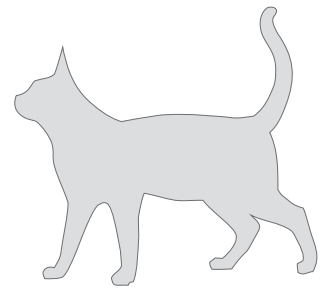
Scanning of blood smear tail

- Additional assessment of atypical forms of leukocytes
- Assessment of platelet aggregations

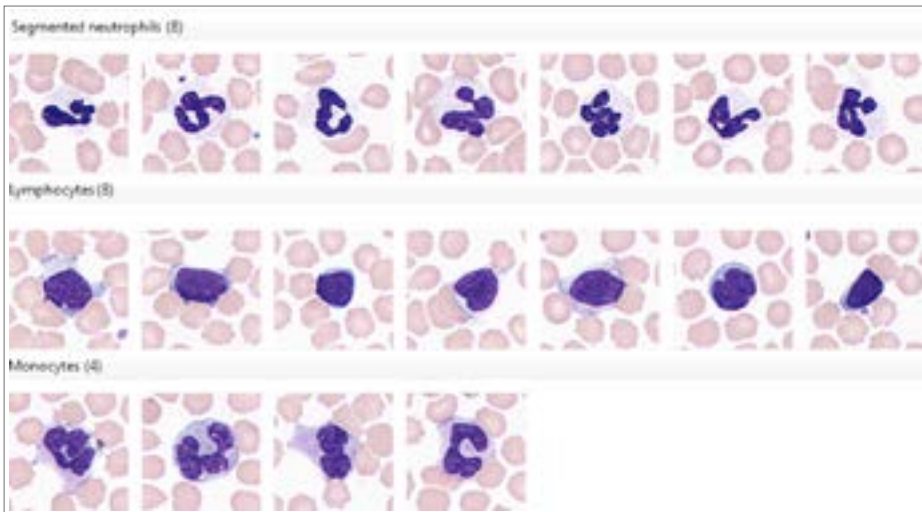
Animal blood cells identification

Dogs, cats, mice, rabbits, goats, monkeys, elephants and others

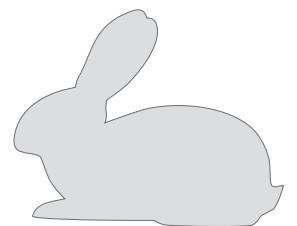
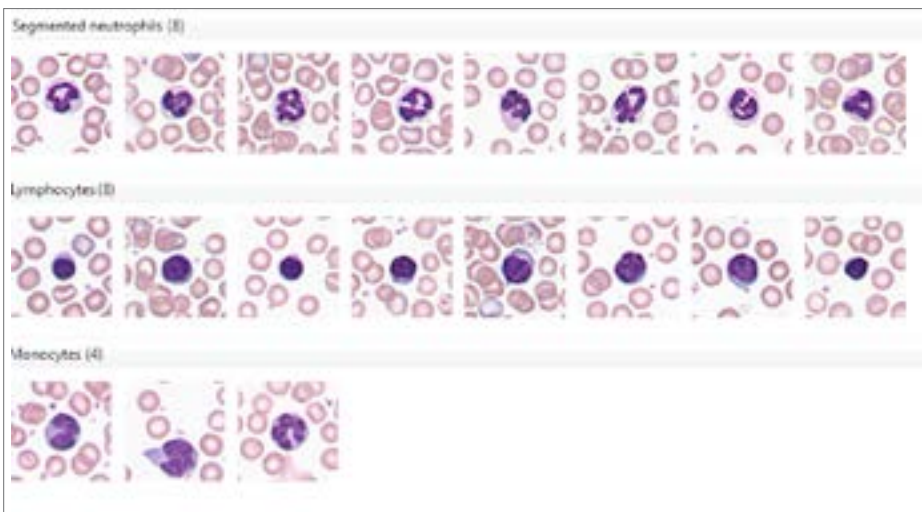
Animal blood cells



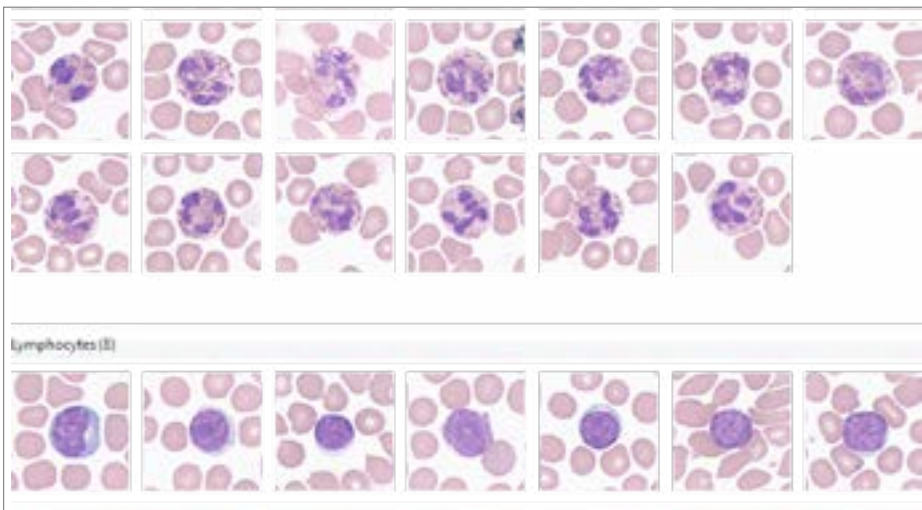
Cat

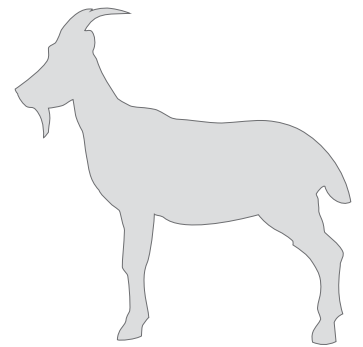
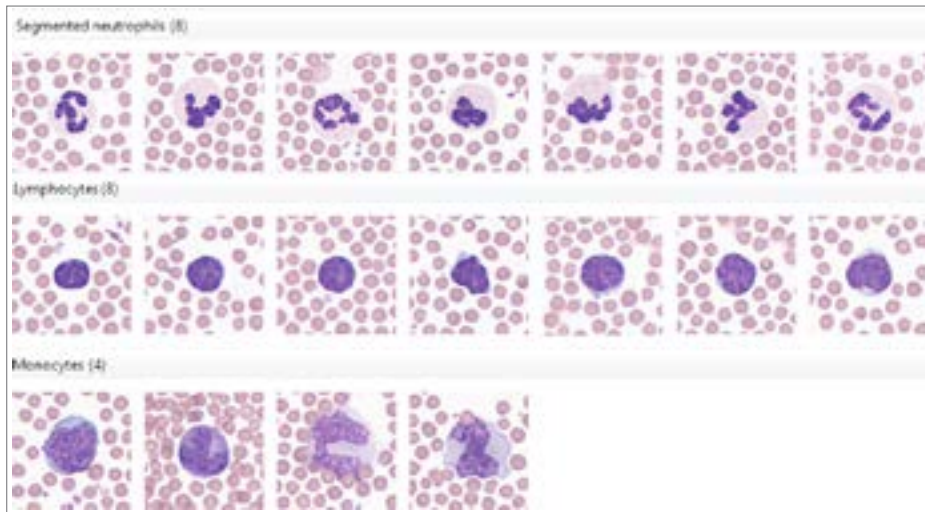


Mouse

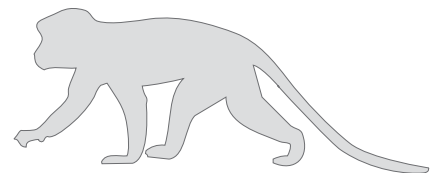
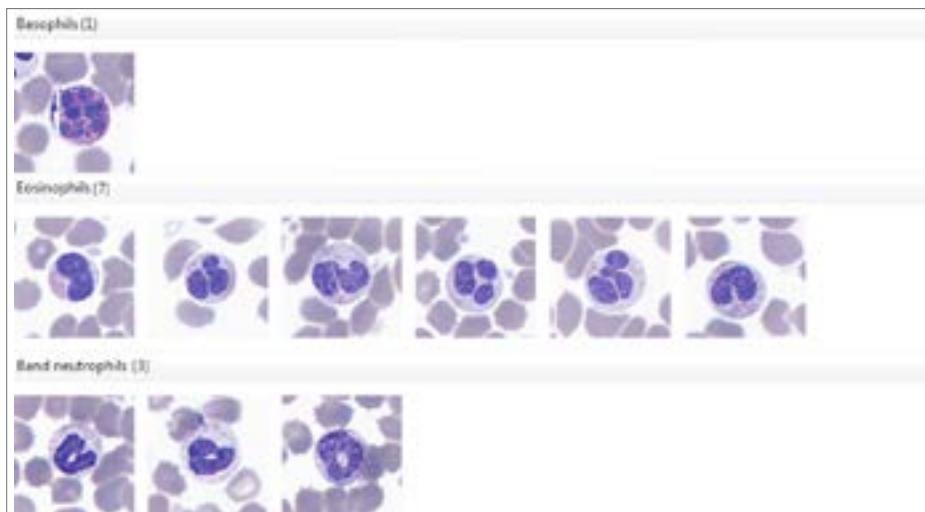


Rabbit

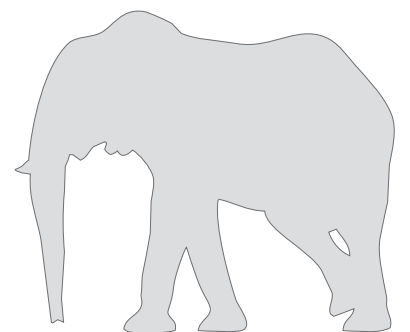
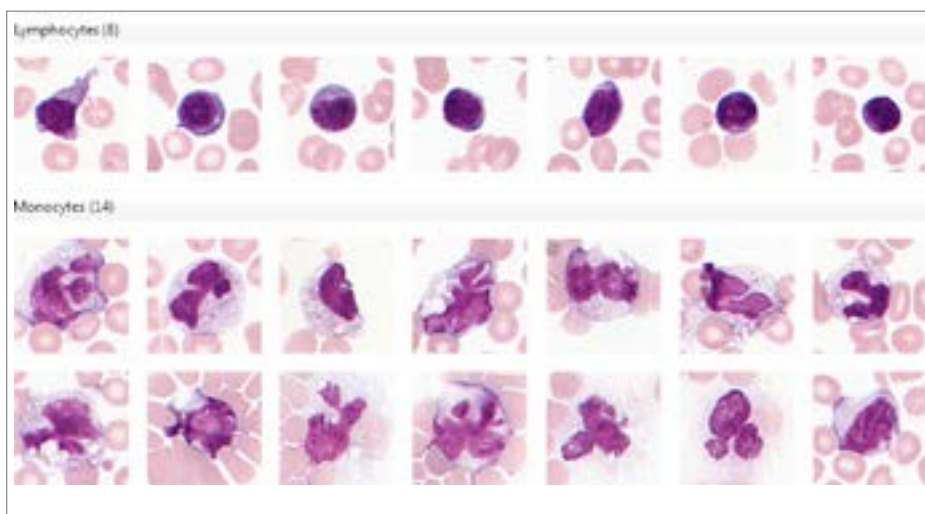




Goat

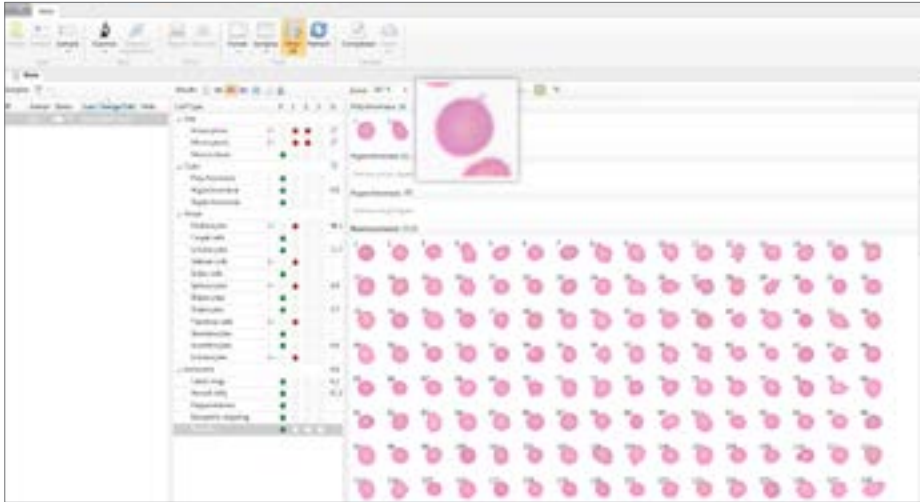


Monkey



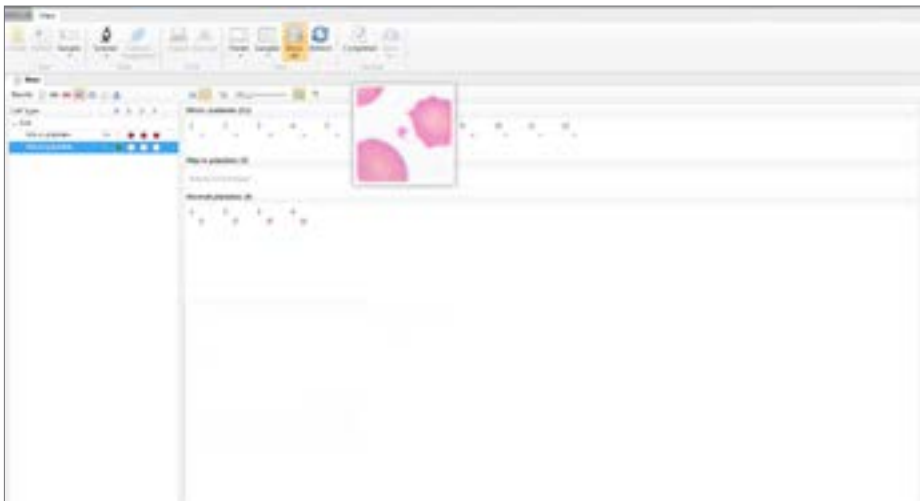
Elephant

Additional modules Vision Extended RBC Vet



Automatic identification of erythrocytes by size, color, forms and inclusions. Pre-classification of erythrocytes by 21 parameters. Detailed information of every erythrocyte.

Vision Extended PLT Vet



Automatic identification and pre-classification of platelets by 3 parameters: micro, macro, normal. Detailed information of every platelet.

Artificial intelligence

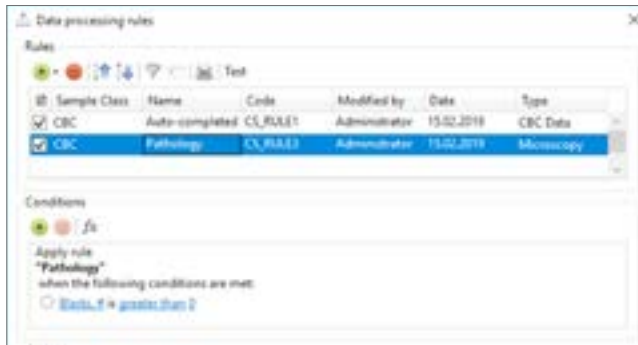


Artificial intelligence (AI) cumulates algorithms and technologies that allow computers to learn and solve intellectual tasks provided by humans.

AI speeds up processing and interpretation of data, and allows to efficiently perform the most comprehensive tasks, including medical image analysis.

Administrative Modules

Vision Manager



Analysis procedure automation, data processing rules.

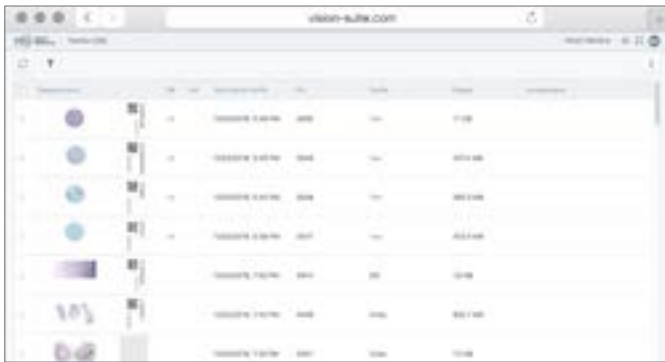
Vision Remote



Remote workplace

Consulting and Education Modules

Vision Suite



Cloud/server for telemedicine and remote consultations with colleagues.

Vision Expertise



Online testing and quality control.
www.vision-expertise.com

Clinical applications



The latest developments of artificial intelligence provide a solution for the tasks connected with automation in digital microscopy.

Our technologies speed up the diagnostic process, reduce analysis time and lower subjectivity of the results received.

They improve the efficiency of laboratory routine operation, bringing microscopy analyses in line with state-of-the-art standards.

Specifications



Vision Basic
Cell Imaging Analyzer



Vision Assist
Cell Imaging Analyzer



Vision Pro
Cell Imaging Analyzer



Vision Ultimate
Cell Imaging Analyzer

Application module: Vision Hema Vet	Application module: Vision Hema Vet	Application module: Vision Hema Vet	Application module: Vision Hema Vet
Additional modules: Vision Extended RBC Vet Vision Extended PLT Vet	Additional modules: Vision Extended RBC Vet Vision Extended PLT Vet	Additional modules: Vision Extended RBC Vet Vision Extended PLT Vet	Additional modules: Vision Extended RBC Vet Vision Extended PLT Vet
Working modes: manual slide scanning	Working modes: queue (only 4 slides version)	Working modes: queue, random access	Working modes: queue, continuous and random access, STAT testing, 24/7
Manual scanning	Automatic scanning	Automatic scanning	Automatic scanning
1 slide	1 or 4 slides	8 slides	Up to 200 slides
Manual slide handling	Manual slide handling	2 cassettes with slides	Automatic slide handling
Microscope	Microscope for scanning	Microscope for scanning	Microscope for scanning
Personal computer	Personal computer	Personal computer	Personal computer
Monitor	Monitor	Monitor	Monitor
—	—	—	Touch-screen monitor for control
—	—	Built-in barcode reader (optional)	Built-in barcode reader
—	—	Automatic oil dispenser (optional)	Automatic oil dispenser
Optical system: 10x, 50x Oil, 100x Oil	Optical system: 10x, 50x Oil, 100x Oil	Optical system: 10x, 60x Oil, 100x Oil	Optical system: 10x, 50x Oil, 100x Oil
Bright field	Bright field	Bright field	Bright field
Köhler illumination, LED	Köhler illumination, LED	Köhler illumination, LED	Köhler illumination, LED
Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet	Bidirectional LIS, LIS2-A2 (ASTM), HL7, Ethernet
Art. N.: 64030.06.001 (1 slide)	Art. N.: 71150.06.001 (1 slide) Art. N.: 71450.06.001 (4 slides)	Art. N.: 72852.06.001 (8 slides)	Art. N.: 73011.06.001 (200 slides)

Please check the intended use and the registration in your local regulation. Depending on the regulations of the respective region, some products may be used for research purpose only.

Pre-classification has to be validated by the specialist reviewing the galleries of cells. We reserve the right to change specification without notice.



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