

## ○ PATHOLOGY

### Cytology

- *normal result*: 2-4 working days
- *urgent result (additional taxes)*: same day (until 23:59) if the sample is received until 16:00/next day until 12:00 if the sample is received after 16:00.
- results release may be influenced by legal holidays, schedule changes, maintenance protocols.
- additional taxes for urgent result.

	Exam/test
1.	Sample from one region/location (smears, scrapes, FNA, faeces, vomit content)
2.	Multiple samples (2-3 locations/regions, eg: 2 masses, same patient)
3.	Blood smear evaluation (cell morphology, leukogram, parasites)
4.	Effusion - one location (subcutaneous/cutaneous, urine, cavitory, CSF)

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5.	Effusion - multiple locations (eg: both thoracic and abdominal cavities, same patient)
6.	Bone marrow evaluation
7.	Special stain for reticulocytes (in case of anemia)
8.	Reevaluation any type of sample (within 30 days)



### Histopathology

- *normal result*: 7-14 working days, 10-14 working days (eye, brain, bone, complex cases).
- *urgent result*: 2-5 working days.
- results release may be influenced by legal holidays, schedule changes, maintenance protocols.
- additional taxes for urgent result.

	Exam/test
1.	Unique sample (mass, organ, biopsy from one location/site)
2.	Multiple samples (masses, organs, biopsies - 2-3 locations/sites)
3.	Multiple samples (masses, organs, biopsies - 4-10 locations/sites)

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4.	Unique sample (bone tissue)
5.	Multiple samples (bone tissue - 2-10 locations)
6.	Unique sample - eye globe
7.	Multiple samples (both eye globes)
8.	Special stain (GRAM, PAS, Toluidine Blue, Ziehl-Neelsen, Congo Red etc.)
9.	Evaluation of the tumoral resection margins, usual stain HE/special stains (! only with the histopathological examination of the tumor too).
10.	Evaluation of HE/special stain slides - second opinion



**Immunohistochemistry** - information regarding this service will be communicated on request, by e-mail/phone.

### ○ **MOLECULAR BIOLOGY AND GENETIC TESTS**

- result in 1-2 working days (molecular biology), 1-4 working days (genetic tests and PARR test)
- results release may be influenced by legal holidays, schedule changes, maintenance protocols.
- NO urgent option!

## Veterinary Laboratory Services

### Real-Time PCR Dog Tests

	Parameter	Observations	Biological sample with maximum relevance
3.	<b>Anaplasma spp.</b>	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment!</i>	Minimum 0.2 ml whole blood on EDTA
4.	<b>Angiostrongylus vasorum</b>	Semi-quantitative analysis	Minimum 0.2 ml whole blood on EDTA
6.	<b>Babesia canis</b>	Establishing prognosis, establishing therapeutic protocol; Independent or subsequent test Identification Babesia spp.	Minimum 0.2 ml whole blood on EDTA
7.	<b>Babesia gibsoni</b>	Establishing prognosis, establishing therapeutic protocol; Independent or subsequent test Identification Babesia spp.	Minimum 0.2 ml whole blood on EDTA
5.	<b>Babesia spp.</b>	Common detection for pathogenic species in dogs; Sensitivity at minimum 1300 times higher than the microscopic examination - useful including monitoring the therapeutic response.	Minimum 0.2 ml whole blood on EDTA
8.	<b>Babesia vogeli</b>	Establishing prognosis, establishing therapeutic protocol; Independent or subsequent test Identification Babesia spp.	Minimum 0.2 ml whole blood on EDTA
10.	<b>Bordetella bronchiseptica</b>	Semi-quantitative analysis; <i>Harvesting before the initiation of specific drug treatment!</i>	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage

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11.	<b>Brucella spp.</b>	<i>Harvesting before the initiation of specific drug treatment!</i>	<p><b>*Biological sample with maximum relevance:</b> Minimum 1 ml urine.</p> <p><b>Other samples that can be harvesting:</b> Minimum 0.2 ml whole blood on EDTA</p> <p><b>Male</b> - 0.2 ml seminal material/ preputial swabs</p> <p><b>Female</b> - vaginal/urethral swabs</p>
12.	<b>Candidatus Mycoplasma Haematoparvum</b>	<i>Harvesting before the initiation of specific drug treatment!</i>	Minimum 0.2 ml whole blood on EDTA
1.	<b>Canine Adenovirus type 1 (Hepatita Rubarth - CAV-1)</b>	Semi-quantitative analysis	Minimum 1 ml urine
2.	<b>Canine Adenovirus type 2 (CAV-2)</b>	Semi-quantitative analysis	Laryngean swab, nasal swab, bronchoalveolar lavage
14.	<b>Canine Circovirus</b>	Semi-quantitative analysis	Rectal swab
23.	<b>Canine degenerative myelopathy (SOD1)</b>	Genetic test	Minimum 0.2 ml whole blood on EDTA, rectal swab, buccal swab
13.	<b>Canine distemper virus ( Carré)</b>	Semi-quantitative analysis	<p><b>**Biological sample with maximum relevance</b> - minimum 1 ml urine</p> <p><b>Other samples that can be harvesting:</b> Laryngean swab, nasal swab; Minimum 0.2 ml whole blood on EDTA. Cerebrospinal fluid (<b>LCR</b>)</p>
15.	<b>Canine enteric coronavirus</b>	Semi-quantitative analysis	Rectal swab

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22.	Canine Herpesvirus	Semi-quantitative analysis	<p><b>* Biological sample with maximum relevance:</b> Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage</p> <p><b>Other samples that can be harvesting:</b> Minimum 0.2 ml whole blood on EDTA, minimum 1 ml urine</p>
28.	Canine Parainfluenza	Semi-quantitative analysis	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
29.	Canine Parvovirus	Semi-quantitative analysis	Rectal swab
30.	Canine Pneumovirus	Semi-quantitative analysis	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
16.	Canine respiratory coronavirus	Semi-quantitative analysis	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
9.	Complex Babesia/Theileria	Semi-quantitative analysis; <i>Monitoring of therapeutic response</i>	Minimum 0.2 ml whole blood on EDTA
17.	Cryptosporidium spp.	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment!</i>	Rectal swab
18.	Dirofilaria immitis	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA
19.	Dirofilaria repens	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA

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20.	<b>Ehrlichia spp.</b>	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA, minim 0,2 ml cerebrospinal fluid
21.	<b>Hepatozoon canis</b>	Semi-quantitative analysis	Minimum 0.2 ml whole blood on EDTA
24.	<b>Multidrog Resistance Mutation (MDR1)</b>	Genetic test	Minimum 0.2 ml whole blood on EDTA, rectal swab, buccal swab
25.	<b>Mycoplasma canis</b>	<i>Harvesting before the initiation of specific drug treatment</i>	Laryngean swab, nasal swab, conjunctival swab, vaginal swab
26.	<b>Mycoplasma haemocanis</b>	Semi-quantitative analysis	Minimum 0.2 ml whole blood on EDTA
27.	<b>Neospora caninum</b>	<i>Harvesting before the initiation of specific drug treatment</i>	* <b>Biological sample with maximum relevance:</b> minimum 0,2 ml cerebrospinal fluid <b>Other samples that can be harvesting:</b> tampon rectal, Minimum 0.2 ml whole blood on EDTA
34.	<b>PARR (PCR for antigen receptor rearrangements)</b>	<i>Harvesting before the initiation of specific drug treatment</i>	- Diff Quick / MGG colored smears from the modified organ - aspirated modified organ with expulsion of cellularity in a plastic tube / test tube without anticoagulant / eppendorf with a small amount of physiological serum (maximum 0.5 ml). - blood on EDTA (only in case of suspicion of lymphocytic leukemia, established following the blood cytomorphological examination). - hematopoietic marrow. - tissue samples (fresh or in paraffin).

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31.	<b>Rickettsia spp.</b>	<i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA
32.	<b>Tick borne encephalitis virus</b>	Semi-quantitative analysis	Minimum 0,2 ml cerebrospinal fluid (LCR)
33.	<b>Toxoplasma gondii</b>	<i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0,2 ml cerebrospinal fluid (LCR), minimum 0,5 ml amniotic fluid, minimum 0.2 ml whole blood on EDTA , minimum 0,2 ml aqueous humor

### Real-Time PCR Cat Tests

Nr. Crt.	Parameter	Observations	Biological sample with maximum relevance
1.	<b>ADPKD (Autosomal dominant polycystic kidney disease )</b>	Genetic test	Minimum 0.2 ml whole blood on EDTA, tampon bucal
2.	<b>Anaplasma phagocytophilum</b>	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA
3.	<b>Babesia spp</b>	Semi-quantitative analysis, monitorizarea răspuns terapeutic	Minimum 0.2 ml whole blood on EDTA
4.	<b>Bordetella bronchiseptica</b>	Semi-quantitative analysis. <i>Harvesting before the initiation of specific drug treatment</i>	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
6.	<b>Chlamydophila felis</b>	Semi-quantitative analysis . <i>Harvesting before the initiation of specific drug treatment</i>	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
9.	<b>Cryptosporidium spp.</b>	Semi-quantitative analysis. <i>Harvesting before the initiation of specific drug treatment</i>	Rectal swab

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10.	Cytauzzoon spp.	Semi-quantitative analysis . <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA
11.	Dirofilaria immitis	Semi-quantitative analysis, monitorizarea răspuns terapeutic	Minimum 0.2 ml whole blood on EDTA
12.	Ehrlichia spp.	Semi-quantitative analysis <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA
5.	Feline Calicivirus	Semi-quantitative analysis	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
8.	Feline Coronavirus - FIPV	Semi-quantitative analysis	* <b>Biological sample with maximum relevance:</b> minimum 0,2 ml ascitic/thoracic fluid, minimum 0,2 ml cerebrospinal fluid * <b>Other samples that can be harvesting:</b> Minimum 0.2 ml whole blood on EDTA
7.	Feline enteric Coronavirus	Semi-quantitative analysis	Rectal swab
13.	Feline Hepesvirus	Semi-quantitative analysis	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
16.	Feline Parvovirus	Semi-quantitative analysis	Minimum 0.2 ml whole blood on EDTA, rectal swab
14.	Mycoplasma felis	Semi-quantitative analysis . <i>Harvesting before the initiation of specific drug treatment</i>	Laryngean swab, nasal swab, conjunctival swab, bronchoalveolar lavage
15.	Mycoplasma haemofelis	Semi-quantitative analysis. <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0.2 ml whole blood on EDTA
17.	Toxoplasma gondii	Semi-quantitative analysis . <i>Harvesting before the initiation of specific drug treatment</i>	Minimum 0,2 ml cerebrospinal fluid, minimum 0,5 ml amniotic fluid, minimum 0.2 ml whole blood on EDTA , minimum 0,2 ml umoare apoasă
18.	Tritrichomonas foetus	Semi-quantitative analysis . <i>Harvesting before the initiation of specific drug treatment</i>	Rectal swab, vaginal swab, preputial swab

## Veterinary Laboratory Services

### Real-Time PCR Parrot Tests

Nr. Crt.	Parameter	Observations	Biological sample with maximum relevance
1.	<b>Beak and feather disease virus (BFDV) - Circovirus</b>	Semi-quantitative analysis	blood, rectal swab, feathers
2.	<b>Bornavirus</b>	Semi-quantitative analysis	blood, rectal swab, feathers
3.	<b>Chlamydia psittaci</b>	Semi-quantitative analysis	blood, rectal swab, feathers
4.	<b>Pssitacine Herpesvirus</b>	Semi-quantitative analysis	blood, rectal swab, feathers
5.	<b>Pssitacine Polyomavirus</b>	Semi-quantitative analysis	blood, rectal swab, feathers

## Veterinary Laboratory Services

### ○ OTHER TESTS

- results release may be influenced by legal holidays, schedule changes, maintenance protocols.

	Exam/test	Result
1.	Coombs test (dog/cat) - for immune-mediated hemolytic anemia - <i>at least 1 ml of whole EDTA blood</i>	<b>same day (until 23:59) if the sample is received until 16:00/next day until 12:00 if the sample is received after 16:00</b>
2.	Fecal occult blood test (Adler classic method + quick reaction) - <i>at least 5 grams of faeces</i>	<b>1-2 working days, no urgent option</b>
3.	Trichogram	<b>2-4 working days, no urgent option</b>
4.	Uroliths composition identification	<b>10-14 working days, no urgent option</b>

## Veterinary Laboratory Services

### ○ MICROBIOLOGY

- results release may be influenced by slow-growing bacteria/fungi, legal holidays, schedule changes, maintenance protocols.
- NO urgent option!

	<b>Exam</b>	<b>Result</b>
<b>1.</b>	Bacteriology (aerobic culture), antibiogram included (skin, masses, auricular, ocular, nasal, vaginal, preputial, oral cavity, urine, faeces, vomiting content) - unique sample	<b>3-5 days</b>
<b>2.</b>	Bacteriology fluid (aerobic culture), antibiogram included (effusions - cavitary, CSF, synovial, BAL) - unique sample	<b>3-5 days</b>
<b>3.</b>	Bacteriology (aerobic culture), antibiogram included - multiple samples - 2 samples	<b>3-5 days</b>
<b>4.</b>	Bacteriology (aerobic culture), antibiogram included - multiple samples - 3 samples	<b>3-5 days</b>
<b>5.</b>	Bacteriology fluid (aerobic culture), antibiogram included (effusions - cavitary, CSF, synovial, BAL) - 2 samples	<b>3-5 days</b>
<b>6.</b>	Bacteriology fluid (aerobic culture), antibiogram included (effusions - cavitary, CSF, synovial, BAL) - 3 samples	<b>3-5 days</b>
<b>7.</b>	Micology - skin - unique sample	<b>10-14 days</b>
<b>8.</b>	Micology - other type of sample (unique)	<b>5-6 days</b>
<b>9.</b>	Micology - skin - 2-5 samples	<b>10-14 days</b>
<b>10.</b>	Micology - other type of sample (2-5 samples)	<b>5-6 days</b>

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<b>11.</b>	Antifungigram (on request)	<b>5-7 days</b>
<b>12.</b>	Direct microscopical examination (! exception: for the auricular samples this exam is included in the bacteriology service, without additional tax).	<b>1-2 days</b>
<b>13.</b>	Bacteriology (aerobic culture) with antibiogram included + micology (all types of samples), unique sample from the same patient	-
<b>14.</b>	Bacteriology (aerobic culture) with antibiogram included + micology (all types of samples), 2 samples from the same patient	-
<b>15.</b>	Bacteriology (aerobic culture) with antibiogram included + micology (all types of samples), 3 samples from the same patient	-
<b>16.</b>	Bacteriology (anaerobic culture), antibiogram included	<b>5-7 days</b>
<b>17.</b>	Extended stool culture (aerobs, anaerobs, <i>Campylobacter</i> )	<b>7 days</b>
<b>18.</b>	Microaerophiles ( <i>Campylobacter</i> )	<b>5-7 days</b>
<b>19.</b>	Bacteriology (aerobic and anaerobic culture) with antibiogram included, unique sample from the same patient	-

## Veterinary Laboratory Services

### ○ PARASITOLOGY

- results release may be influenced by legal holidays, schedule changes, maintenance protocols.
- NO urgent option!

	<b>Exam/test</b>	<b>Result</b>
<b>1.</b>	Faeces parasitology: - flotation technique (passive & centrifugation - cysts, oocysts and light eggs, ex: protozoa and nematodes) - sedimentation technique (heavy eggs, ex: trematodes) - Baermann technique (lungworms)	<b>1-3 working days</b>
<b>2.</b>	Skin parasitology (native/unstained slides from skin scraping or scotch tape test)	<b>1-3 working days</b>