

Pet-Owner:	Internal lab-number:
Animal name: Sirius	Barcode number:
Species: Canine	Date of receipt: 18.03.2024
Gender:	Material: EDTA whole blood, Separated serum
Age:	

LAB REPORT:  **Sirius**

TEST	RESULT	REFERENCE RANGE	
Hemolysis Index Photometry	Negative		1),2)
Lipemia Index Photometry	Negative		3),2)

material: Separated serum

Large Check-up

Check-up

TEST	RESULT	REFERENCE RANGE	UNIT	SCALE	REMARKS
Glucose	5.77	3.16 - 6.99	mmol/L		
IDEXX SDMA™ EIA	12	0 - 14	µg/dL		4)
Creatinine	88.4	44.2 - 132.6	µmol/L		
Urea (BUN)	9.28	3.21 - 10.35	mmol/L		
Phosphate	1.0	0.9 - 1.7	mmol/L		5)
Calcium	2.2	2.1 - 2.9	mmol/L		5)
Magnesium	1.0	0.7 - 1.1	mmol/L		5)
Sodium	148	142 - 153	mmol/L		
Potassium	4.1	3.9 - 5.8	mmol/L		
Chloride	111	106 - 120	mmol/L		
Total protein	62	54 - 76	g/L		
Albumin	30	28 - 43	g/L		
Globulin	32	24 - 43	g/L		
ALT (GPT)	55	25 - 122	U/L		
AST (GOT)	21	14 - 59	U/L		
Alkaline phosphatase	22	14 - 147	U/L		
GGT	12	2 - 13	U/L		
GLDH	1	1 - 18	U/L		
Bilirubin (total)	3.42	0 - 6.84	µmol/L		
Cholesterol	3.93	3.59 - 10.29	mmol/L		
Triglycerides	0.75	0.32 - 5.29	mmol/L		
a-amylase	555	333 - 1264	U/L		
Lipase	102	0 - 250	U/L		
CK	65	41 - 378	U/L		

Pet-Owner: **Animal name:** Sirius **Internal lab-number:**

TEST	RESULT	REFERENCE RANGE	
Fructosamine	200	177 - 314 μmol/L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>

material: EDTA whole blood

Blood count, small

Erythrocytes	6	5.4 - 8.7	x10 ¹² /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	6)
Haematocrit	0.4	0.4 - 0.6	L/L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Haemoglobin concentration	140	134 - 207	g/L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
MCV	68.3	59.0 - 76.0	fL	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
MCH	23.3	21.9 - 26.1	pg	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
MCHC	341	326 - 392	g/L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Leukocytes	10	4.9 - 17.6	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Thrombocytes	150	143 - 448	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	

Differential blood count

Segmented neutrophils	72		%		7),6)
Lymphocytes	20		%		
Monocytes	3		%		
Eosinophils	5		%		
Basophils	0		%		
Segmented neutrophils (absolute)	7.2	2.94 - 12.67	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Lymphocytes (absolute)	2	1.06 - 4.95	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Monocytes (absolute)	0.3	0.13 - 1.15	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Eosinophils (absolute)	0.5	0.07 - 1.49	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	
Basophils (absolute)	0	0 - 0.1	x10 ⁹ /L	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>	8)

Reticulocytes

Reticulocytes (relative)	1.00		%	
Reticulocytes (absolute)	60		K/μL	

Degree of bone marrow response (Reticulocytes K/μl):

- < 110,0 Normal if nonanaemic
- < 110,0 Inadequate if anaemic
- 110,0 - 150,0 Mild regeneration
- 150,0 - 300,0 Moderate regeneration
- > 300,0 Marked regeneration

Reticulocyte haemoglobin	25.0	24.5 - 31.8	pg	<div style="border: 1px solid black; width: 100px; height: 15px; position: relative;"><div style="background-color: black; width: 10%; position: absolute; left: 50%; transform: translate(-50%, -50%);"></div></div>
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Interpretation and comments:

1)
The level of haemolysis in the specimen shows no significant impact on the analysis of clinical-chemical parameters.

Pet-Owner: [REDACTED]**Animal name:** Sirius**Internal lab-number:** [REDACTED]

2)

Not accredited

3)

The level of lipaemia of the specimen has no significant impact on the analysis of the clinical-chemical parameters.

4)

Both SDMA and creatinine are not increased which indicates kidney function is likely good. Evaluate a complete urinalysis and confirm there is no other evidence of kidney disease.

5)

Please note: To align with VetConnect PLUS reports, the conventional unit for this analyte has changed to mg/dL in email and fax reports.

6)

Please note: To align with VetConnect PLUS reports, the units for some blood count parameters have changed in email and fax reports.

7)

The differential leukocyte count was performed microscopically.

8)

Basophils up to 0.2 K/ μ L ($0.2 \times 10^9/L$) are considered normal in the literature.

[REDACTED]
[REDACTED]

Our printed reports are valid without signature.