

Cytological analysis

Clinic:	IB Loomakliinik	Sampling data:	26.11.2020
Veterinarian:	Dr. Tamm	Sample received:	28.11.2020
Name:	Lumi	Species:	Canine
Animal ID:	344	Breed:	mixed
Gender:	Male	Neutered:	Yes
Age:	6 Y		

Sample:

2 unstained FNA slides, marked "Lumi"

Location - Mesenteric lymph nodes

Anamnesis:

In small intestine area there are several masses. Some free fluid. Inflammatory adipose tissue around the lymph nodes. Clinical diagnosis - lymphoma?

Analysis:

Sample contains few small drops of material. Nucleated cells consist of 46% small mature lymphocytes, 13% medium sized lymphocytes and 41% lymphoblasts. Lymphoblasts are characterized by moderate amounts of basophilic cytoplasm, round nuclei with smooth, opened chromatin and prominent, multiple nucleoli. Occasional red blood cells are noted in the background.

Conclusions and comments:

Acute lymphoblastic lymphoma

The phenotype of the neoplastic cells can not be defined cytologically, for that additional testing (PARR, flow cytometry, IHC) is recommended.

If you require some of the slides for the additional testing, please let me know.

Thank you for the sample! Should you have any questions, please ask!