

Account ID: KOBE 6

City Dyreklinik

Kronprinsessegade 76

1306 Kobenhavn K

Pet-Owner: Tornkaer**Animal name:** Afrikaner**Species:** Hedgehog**Gender:** F**Age:** 03 Y**Internal lab-number:** HI293327**Barcode number:** 91332997**Date of receipt:** 27.10.2021**Material:** tissue material,
microscope slide**LAB REPORT:**  **Afrikaner****material: tissue material****Histopathologic examination (1 - 2 sites)**

1)

CLINICAL HISTORY

3-year-old hedgehog, female intact; excisional biopsy from gingiva around tooth 101; gingival hyperplasia the whole right side of the mouth.

SUBMITTED MATERIAL

One tissue sample, 1 x 2 x 1 mm.

HISTOPATHOLOGICAL DESCRIPTION

The tissue sample is covered by a markedly hyperplastic stratified squamous epithelium with numerous anastomosing rete ridges. There is marked degeneration of the epithelial cells of the upper half of the epithelium, characterized by marked vacuolization of the cytoplasm. Scattered degenerated neutrophils. Several individual apoptotic cells in the basal cell layer; rare mitotic figures. In the underlying lamina propria moderate infiltration with neutrophils, lymphocytes and plasma cells and moderate interstitial edema.

DIAGNOSIS

Gingiva (as per submission information): marked hyperplastic neutrophilic and lymphoplasmacytic gingivitis with superficial vacuolar degeneration.

COMMENT

The histopathological evaluation revealed degenerative and inflammatory lesions. The marked vacuolization of the superficial parts of the mucosa epithelium might be indicative of a viral pathogenesis. Also contact with an irritating substance cannot be excluded. There were no signs of neoplastic transformation.

Your sample was examined by: Dr. Annabelle Heier, Dipl ECVP, FVH Pathologie
(e-mail-Adresse: annabelle-heier@idexx.com)

material: microscope slide**Cytological examination (2 sites)**

1)

CLINICAL HISTORY

Gingival hyperplasia associated with tooth 101. FNA from around tooth 106.

SUBMITTED MATERIAL

Two preparations.

CYTOLOGICAL DESCRIPTION

Pet-Owner: Tornkaer**Animal name:** Afrikaner**Internal lab-number:** HI293327

Moderate numbers of aggregated erythrocytes. Associated with the erythrocytes are low to moderate numbers of mixed leucocytes: mostly non-degenerate neutrophils, lesser numbers of eosinophils, occasional small lymphocytes. Up to moderate numbers of mixed mostly rod bacteria are in the background. Very occasional squamous epithelial cells. Atypical cells are not evident.

DIAGNOSIS / INTERPRETATION

Suspected neutrophilic and eosinophilic inflammation.

COMMENT

Blood contamination is likely represented. Based upon numbers of leucocytes compared to erythrocytes, an inflammatory process is suspected. Neutrophilia /eosinophilia in blood would be an alternative differential for findings. An atypical cell population is not evident.

Your sample was examined by: Herr Graham Stock, BSc BVMS, Diplomate ACVP (Clinical Pathologist)
(email address: graham-stock@idexx.com)

Interpretation and comments:

1)
Histopathology and cytology results can be discussed
Monday to Friday, 10:00 h to 17:00 h.

Validated by:

Dr. U.-J. Dumke (Specialist vet, Histopathology)

Our printed reports are valid without signature.

All test analysis is performed in our Kornwestheim Laboratory and as such is included in the scope of accreditation unless otherwise indicated (DIN EN ISO/IEC 17025, D-PL-13356-01-00).

All results apply to the received sample(s) and provided information.

Information regarding the precise date of the test performance are available on request.