

# COMPREHENSIVE FECAL EXAMINATION

DNA sequencing

Patient Name:

Montana

Species and Age:

Horse, 20 years

Test Number:

Material Received:

2024-08-04

Analysis Date:

2024-08-04

Performed by:

Julia Kończak

Requested by:

Dr. Alexandra M

HippoVet

Montana

Horse,  
20  
years

Sample:  
004-006\_combined

Received:  
2024-08-04  
Analyzed:  
2024-08-04  
Performed  
by: Julia  
Kończak  
Requested  
by: Dr.  
Alexandra  
Matusiak

## SEQUENCING RESULTS

### MICROBIOTIC PROFILE

Species Distribution

## PHYLUM DISTRIBUTION IN GUT MICROFLORA

Phylum Distribution

**Dysbiosis Index (DI): 236.7**

Category: **SEVERE DYSBIOSIS**

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## Dysbiosis Index (DI): 236.7 - Severe Dysbiosis microbiota

Significant dysbiosis detected with notable bacterial community imbalances. Actinomycetota levels are above normal range (11.7% vs 0.1-8.0%). Fibrobacterota levels are above normal range (14.5% vs 0.1-5.0%).

## UNICELLULAR PARASITE PROFILE

No unicellular parasite genome identified in the sample

## VIRAL PROFILE

No viral genome identified in the sample

DESCRIPTION

Molecular examination revealed significant dysbiosis requiring immediate intervention. The severe imbalance in microbial populations indicates compromised gut health.

Critical deviations detected in multiple phyla suggest systemic disruption of the normal microbiome architecture. This level of dysbiosis is associated with increased risk of colic, malabsorption, and immune dysfunction.

IMPORTANT

The presented result is a microbiotic profile of the tested sample. Microbiotic results should be interpreted in conjunction with clinical signs and other diagnostic findings. For optimal results, samples should be collected before antibiotic therapy.

**HippoVet Laboratory**  
Veterinary Microbiome Analysis Center  
Accredited Laboratory - ISO 15189

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**MENT LABORATORY**  
Tel: +48 123 456 789  
www.hippovet.com

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EXAMINATION FOR PRESENCE OF PARASITES