



**vet fluidlab 1**

# **Urine microscopy**

**In the palm of your hand**

Introducing the anvajo

# vet fluidlab 1

Urine microscopy is a crucial test in veterinary diagnostics, essential for detecting and monitoring conditions like urinary tract infections and kidney disorders in animals. However, traditional methods are either costly or prone to errors, making standardized analysis at the point of care challenging for veterinarians.

The anvajo vet fluidlab 1 revolutionizes this process with its advanced quantitative phase imaging technique, automating urine microscopy without the need for centrifugation. This innovation ensures quicker and more accurate diagnoses right at the point of care.



# Hi, I'm fluidlab

## Ready-to-use

- Ready-to-use slide
- Small sample volume (20 µL)
- Step-by-step guide on the device

## Compact

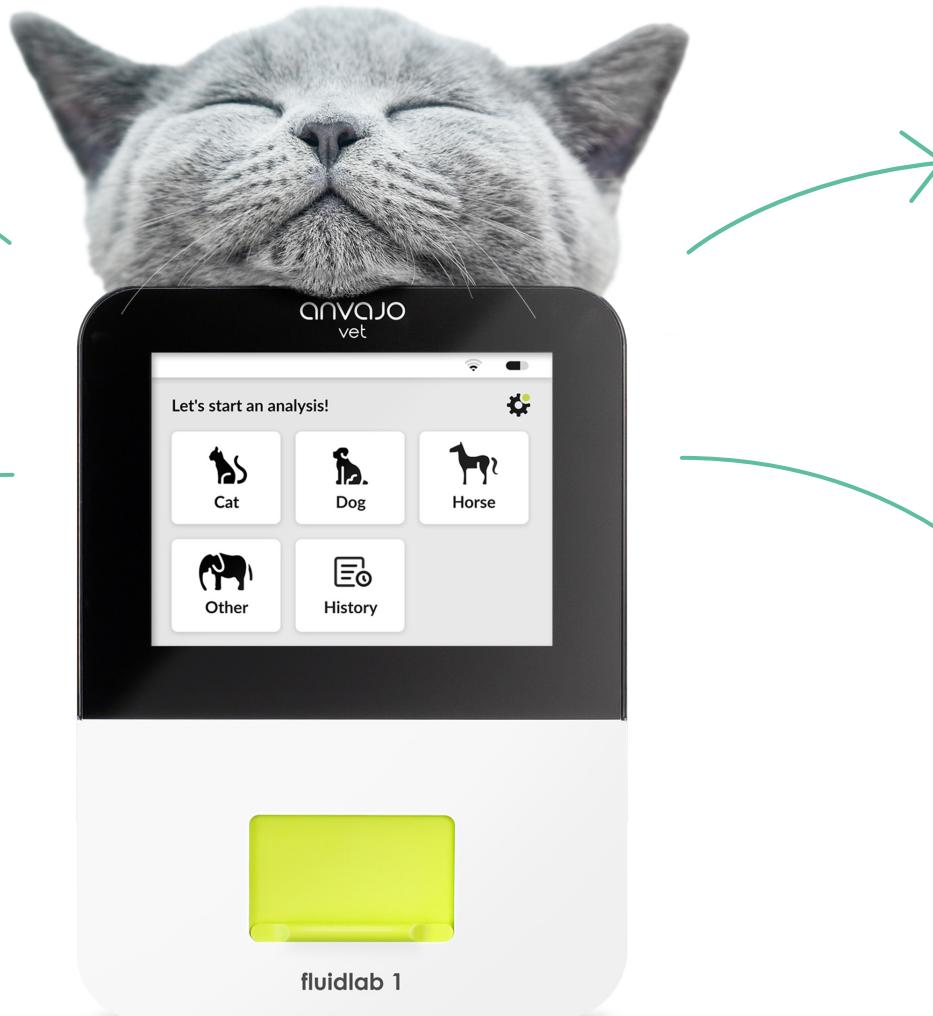
- Fits in every practice
- Maintenance-free
- Recalibration-free

## Reliable

- Standardized analysis
- Objective interpretation
- Reproducible results

## Immediate

- Low hands-on time (3 steps)
- No centrifugation
- Quick clinical decisions



# Parameters



Red Blood Cells



White Blood Cells



Epithelial Cells



Crystals

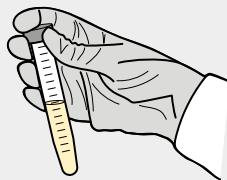


Casts



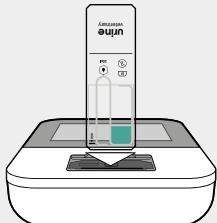
Bacteria  
(flagging of suspected presence)

# Workflow



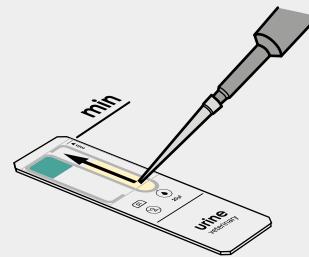
1

Collect your sample in a sterile manner.  
Fill in all patient information on your device.



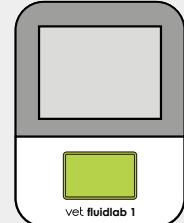
3

Insert the glass slide into the device. The measurement starts automatically. You'll receive the result in a few minutes.

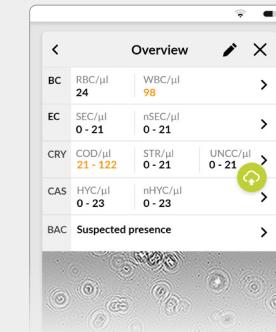


2

Take a glass slide out of the box. Mix the sample properly and aspire right away to avoid sedimentation. Fill the glass slide completely up to „min“-mark with 20 µL urine.



4



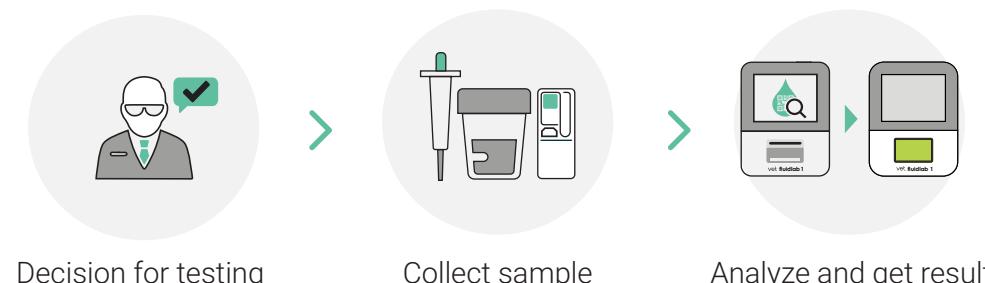
Scroll down through the result screen to see the results and the microscopic image. Measurements can be saved and additionally transferred to a computer.



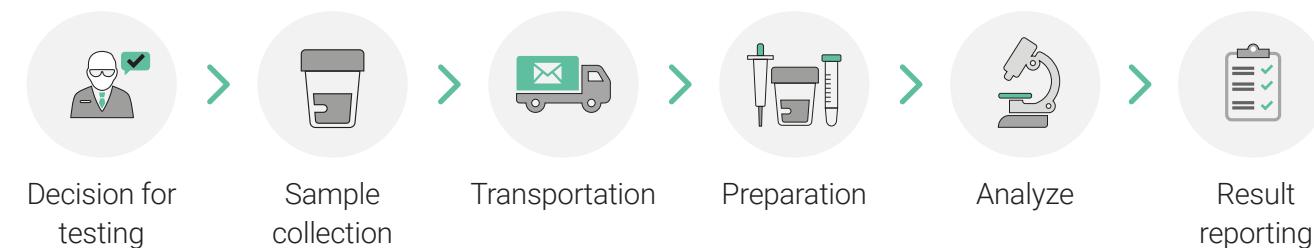
# Innovative Workflow

Reduce the workflow complexity and have more time to make safe clinical decisions for better patient care.

## Workflow with vet fluidlab 1



## Workflow without vet fluidlab 1





# Technical Specifications

## vet fluidlab 1

Method	Digital Holographic Microscopy (DHM)
Sample centrifugation	No
Sample pipetting	Yes
Sample volume required for analysis	20 µL
Analyzed parameters	Red Blood Cells/White Blood Cells Squamous Epithelial Cells/Non-squamous Epithelial Cells Hyaline Casts/Non-hyaline Casts Calcium Oxalates Dihydrates/Struvites/ Unclassified crystals Bacteria (suspected presence)
Consumables	Glass slide
Dimensions	128 x 94 x 33 mm
Weight	0.24 kg



anvajo is a healthtech company from Dresden, Germany, committed to enabling the early detection and treatment of diseases directly at the point-of-care by offering innovative digital solutions for the analysis of various fluids. Our unique technology and platform-based solutions are extended to support the veterinary community through the improvement of the daily diagnostical routine.

anvajo GmbH | Zwickauer Str. 46 | 01069 Dresden

---

**e-mail** [info@anvajo.com](mailto:info@anvajo.com)

**web** [anvajo.com](http://anvajo.com)