



# Urine Microscopy

Manual vs. Automated

Although manual microscopy has long been regarded as the gold standard in routine urinalysis, recent studies highlight the advantages offered by automated urine particle analyzers. These advanced systems have been shown to provide numerous benefits, for example:

- The analysis is *“less-time consuming and more cost-effective”*<sup>[1]</sup>.
- *“The turnaround time for each sample is lower”*<sup>[1]</sup>.
- *“Less laboratory stuff is needed”*<sup>[1]</sup>.
- *“The preanalytical preparation steps are standardized”*<sup>[1]</sup>.
- And Precision is higher than in manual microscopy.<sup>[1]</sup>

The **vet fluidlab 1** provides an automated analysis of the urine formed particles. It leverages automation and advanced technology to provide superior results compared to manual methods, ensuring more reliable and consistent findings.

## Why choose the vet fluidlab 1?

### Precision and Accuracy

Utilizing state-of-the-art technology, the vet fluidlab 1 delivers precise and consistent results, minimizing the potential for human error associated with manual microscopy.

### Efficiency

The vet fluidlab 1 streamlines the urinalysis process, providing rapid results within minutes. This enables veterinarians to analyze samples quickly and efficiently, saving valuable time and resources compared to the labor-intensive nature of manual microscopy.

### Tailored Treatment Recommendations

Based on the detailed analysis provided by the vet fluidlab 1, veterinarians can offer personalized treatment recommendations, including specialized pet foods tailored to address specific health concerns such as crystal formation in the urine.

### User-Friendly Workflow

Designed with the needs of veterinary professionals in mind, the vet fluidlab 1 features an intuitive workflow that is easy to navigate and operate. Minimal training is required, allowing veterinary staff to seamlessly integrate the vet fluidlab 1 into their practice, unlike the time-consuming sample preparation and complex manual cell classifications often associated with manual microscopy.

### Improved Patient Care

By facilitating rapid and accurate diagnosis, the vet fluidlab 1 enhances patient care outcomes. Veterinarians can make informed treatment decisions promptly, leading to better overall health and well-being for their animal patients.

[1] Seigner, Sandra, Kirsten Bogedale, Roswitha Dorsch, Yuri Zablotski, und Karin Weber. „Comparison of the Anvajo Vet Fluidlab 1 urine sediment analyzer to manual microscopy and Idexx SediVue analysis for analysis of urine samples from cats and dogs.“ *Journal of Veterinary Diagnostic Investigation*, 2022.