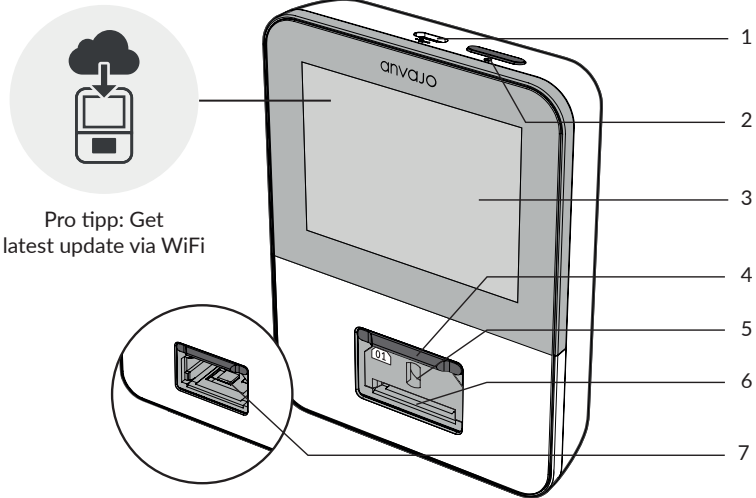


General Overview



No.	Name	Function
1	USB port	Power supply, charging the battery
2	Power on/off button	Switch device on and off
3	Touch screen	Operation of the graphical user interface, display of results
4	Slider	Cover of the measuring chamber to protect against contamination of the sensor
5	Sample carrier adapter Type 01 for urine slide	Adapter 01 for urine analysis
6	Sample carrier opening	Area in which sample carrier is inserted
7	Measuring chamber with sensor	Area in which sample carrier adapter is inserted

i Intended use: the device is intended for analysis of native uncentrifuged urine from cystocentesis, catheterization or free catch.

Turn on the device by pressing the button on top for 1 s. The screen will turn on after 15 s. The device goes into stand-by if not used. Tap on the screen to activate the display.

Use the adapter key to remove the adapters.

The sensor of the device needs to be cleaned at least once a week with the original anvaJO cleaning swab (remove adapter before cleaning).



HOW TO
SIMPLY
DECODE
FLUIDS

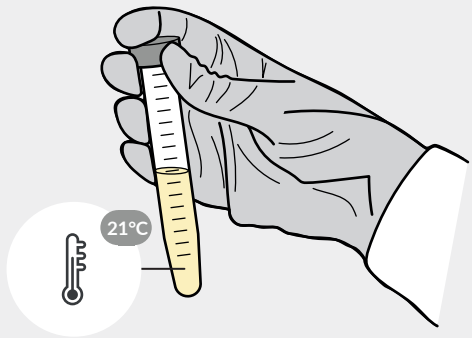
? If you have any questions, please do not hesitate to contact our support team.

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e-mail support@anvaJO.com
web anvaJO.com

veterinary
Quick Operation Guide

Sample collection



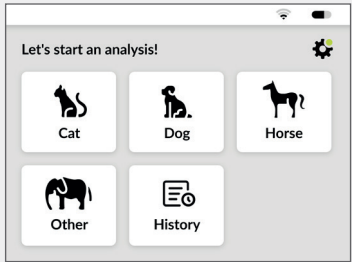
1. Samples should always be collected in a clean manner.

2. Carry out the measurement within the first 30 minutes after sample collection to avoid sample deterioration.

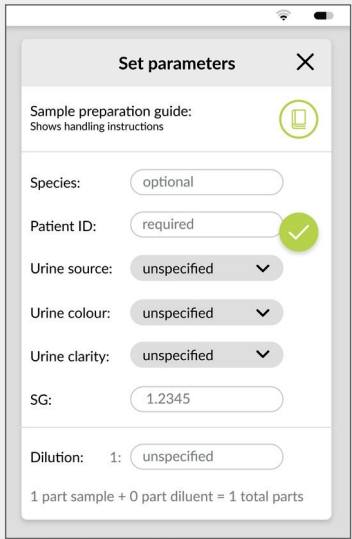
3. If immediate processing is not possible, store the sample at 4°C to maximize cell preservation and minimize bacterial growth. Before the measurement, sample has to be at room temperature (~21°C).

Note: Crystals may develop over time with storage in the refrigerator.

Preparation of the device



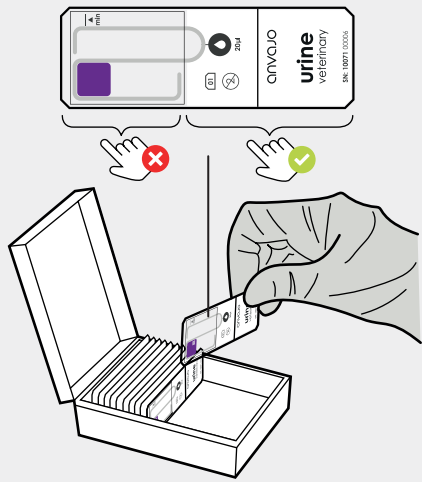
4. Prior to a sample processing, prepare the device for a measurement. First, select the animal species on the home screen.



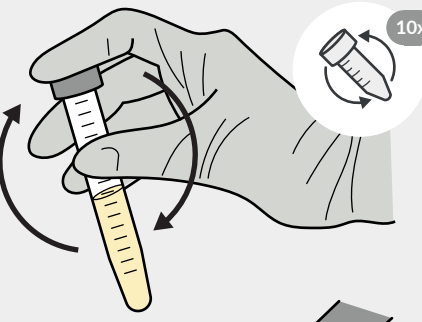
5. Then enter the individual sample details such as:

- Patient ID
- Species
- Urine source
- Urine colour
- Urine clarity
- SG
- Dilution

Preparation of the sample carrier



6. Take a sample carrier out of the box. Avoid touching the cover glass. **Touch sample carrier on lower area only.**



7. Through mixing of the sample by **inverting the tube 10x** is essential for achieving correct results. Do not shake or vortex!



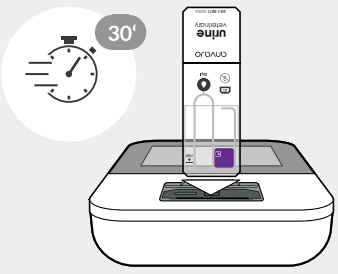
8. For heavily clouded or colored samples, a 1:5 predilution with normal saline is recommended to avoid overlapping of urine particles.

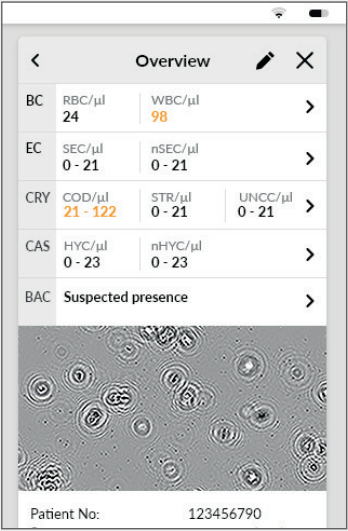
9. Aspire the sample right away after the mixing to avoid an immediate sedimentation of the high-density elements (crystals, casts).

10. Fill the sample carrier completely up to “min”-mark.

Note: When filling the sample carrier, make sure that there are no air bubbles in the pipette tip, as this will result in an incorrect volume being transferred.

Measurement





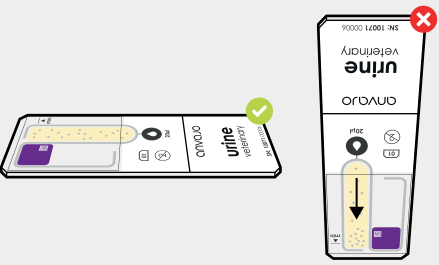
11. Start the measurement on the device **immediately** after filling the sample carrier to minimize errors caused by evaporation of the sample and / or gravity sedimentation of high-density elements.

12. Insert the sample carrier in the correct orientation as shown in the left picture and tap ok.

13. When the measurement has been completed, the results overview will be shown on the display. Tap on a parameter (dialog box) to get more details.

14. Scroll down through the result screen to see the microscopy image.

Further Steps



15. For further manual classification, use the sample carrier with a conventional microscope.

16. Due to the effect of gravity sedimentation, the sample carrier has to be kept in vertical position only for the time necessary for analysis.