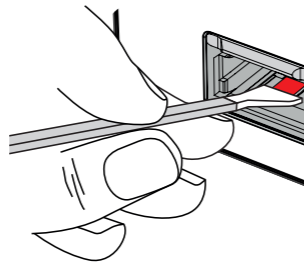


8. Maintenance  
Once per week, clean the sensor with a HumaVision cleaning stick. Remove the sample carrier holder before cleaning by using the key. The instrument can be cleaned, when it is OFF or ON.



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# HumaVision

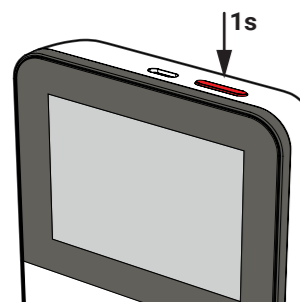
## | Quick Guide



PLEASE READ THE USER MANUAL BEFORE USING THE QUICK GUIDE



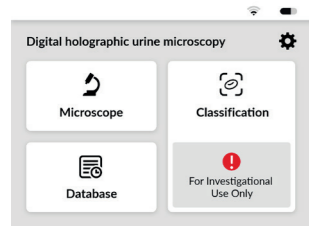
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1. Switch on the instrument by pressing the power button for 1 s. The screen will turn on after 15 s. Prepare the instrument for measurements, in the main menu select "Microscope".

Then, enter the individual sample details:

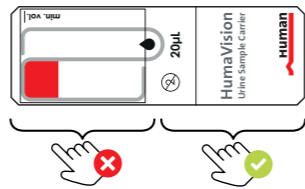
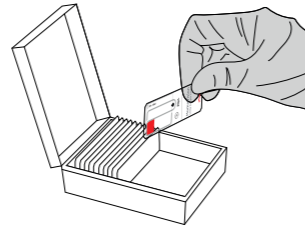
- Mandatory: Sample ID
- Optional: Dilution, Urine color, Urine clarity



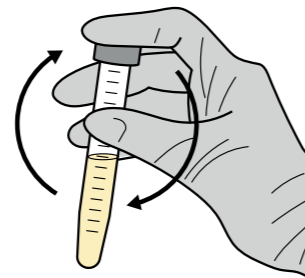
2. Sample collection
  - Samples should always be collected in a clean manner.
  - Carry out the measurement within the first 2 - 6 hours after sample collection.
  - If immediate measurement is not possible, store the sample at 4 °C.

Before the measurement, bring the sample to room temperature.

**Information: Crystals may develop over time with storage in a refrigerator.**



3. Take a sample carrier. Touch the sample carrier on the lower area only and not on the measuring area.

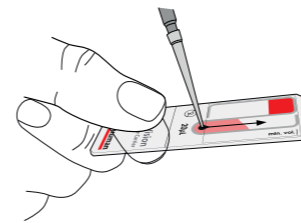


4. Sample preparation
  - Invert the sample tube 10x. Do not shake or vortex!
  - For heavily clouded or colored samples, perform a predilution.

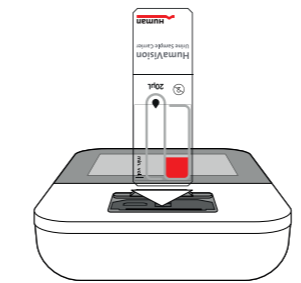
Check out the Dilution Guide for more information.



5. Aspirate 20 µl from the lower third of the sample, immediately after the sample preparation. Otherwise, high-density elements (crystals, casts) will sediment.

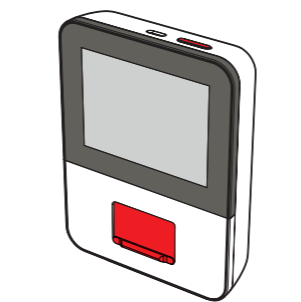
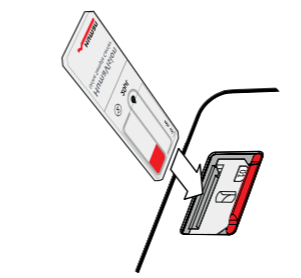


Dispense the sample (20 µl) onto the marked area of the Urine Sample Carrier. Make sure there are no air bubbles in the pipette tip and not on the Urine Sample Carrier.

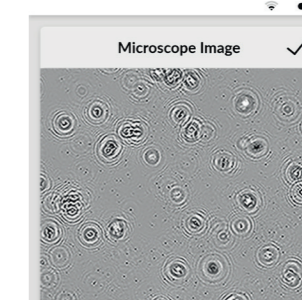


6. Immediately after filling the Urine Sample Carrier, insert the Urine Sample Carrier into the slot on the HumaVision.

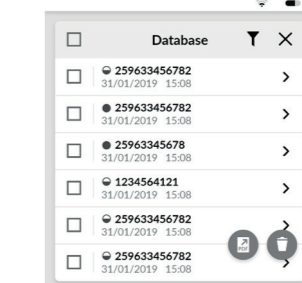
The measurement starts automatically, when the Urine Sample Carrier is inserted correctly. The measurement takes 1 to 4 minutes, depending on the density of the sample.



7. After the measurement is completed (microscopy image is displayed), remove the Urine Sample Carrier from the system and close the cover of HumaVision immediately.



The result (microscope image) is automatically saved in the database. Click ✓ to quit this screen.



From the database, the result can be exported as PDF file, directly printed (via WIFI), or transferred to smartphone via hotspot.