

FAQ

HumaVision – Frequently asked questions

by Alfons Krug, PhD

Can I use normal glass-slides as sample carrier?

No, only the HumaVision sample carrier (REF 17661) are allowed and will be recognized by the system. All others will be rejected (closed system).

Which kind of urine should I use?

Only native urine, ideally as fresh as possible. According to the International Guidelines, not older than 4h after sampling.

What happens, if there is an air-bubble in the chamber of the sample carrier?

Take a new sample carrier and fill it up accordingly.

If the chamber of the sample carrier is not completely full?

Try to add some more urine, if there is no air-bubble you still can use it.

Where should I touch the sample carrier?

Only on the side with the HUMAN logo. If you have touched it next to the red area, you must dispose of the sample carrier and use a new one.

Can I use the HumaVision sample carrier on a microscope (e.g. for a second look)?

Yes, anytime possible. There is not need for collecting a new sample.

What, if the urine sample contains parasites?

HumaVision automatically takes digital holographic images. You will classify the parasite and report it on the comment field. Or you use the HumaVision Sample Carrier and classify it on your manual microscopy

Can I use the HumaVision sample carrier on a microscope (e.g. for a second look)?

Yes, anytime possible. There is not need for collecting a new sample.

Which units does HumaVision provide?

Units can be changed from absolute values particles/ μ l to HPF or LPF

How can I check the HumaVision is working properly?

The HumaVision has a "self test function" which provides you a "pass" if all is ok.

Which maintenance is required?

At least once a week cleaning of the optical system by the HumaVision cleaning sticks (REF 17662).

What is the charging time of the battery?

For a totally empty battery charging time is 2h:45min.

What is the battery life cycle?

Similar to the battery on your mobile phone, 2-3 years. The battery can be replaced.

What happens if the screen brakes?

Then it needs to be replaced by a service engineer.

How can data be exported?

Data export is possible in 3 ways

- via LIS data (most Laboratory LIS systems do not support images)
- via Hotspot or WIFI by help of a PDF, both data and image

How can I print the results?

You export the PDF to any PC, tablet or mobile phone via WIFI or Hotspot and print it then.

How many samples can be stored on the system?

HumaVision stores 300 samples including the images. If memory gets full, you will get a message.

Do we have global exclusive rights on the HumaVision product?

Yes, since it is our OEM product. The human version of this technology HUMAN has exclusive. For the veterinary market or water quality evaluations, other/similar looking instruments are in the market. These systems focus on other applications, and are not made for human urine applications.



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Any request for further information? – Contact the author of this paper, **Dr. Alfons Krug** at a.krug@human.de