

Consistent, accurate¹ urine sediment analysis

Vetscan Imagyst® offers complete urine sediment analysis at the point of care, with results in minutes and add-on expert review when needed

01 CENTRIFUGE THE SAMPLE



- Determine if dilution may be necessary
- Mix the sample well
- Transfer 1, 2, or 3mLs to the centrifugation tube
- Centrifuge with a corresponding tube for balance for 2 minutes at 450–500RCF
- Allow to come to a complete stop

02 PREPARE SAMPLE



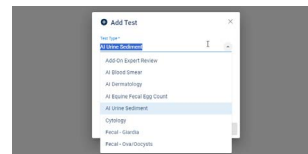
- Attach the XactUrine pipette tip to the micropipette
- Place the pipette with tip attached in the tube
- Tilt the tube to pour off the supernatant until no liquid is visualized above the stopper
- Return the tube to vertical
- Press the plunger 5 times, until the pellet is resuspended

03 PREPARE SLIDE



- Place a pre-printed slide on the template
- Orient the fiducial circle toward the bottom of template
- Label the slide with patient information on the frosted edge
- Once pellet is resuspended, place 20µL in the fiducial ring
- Cover with a 22x22 mm coverslip

04 ADD NEW TEST



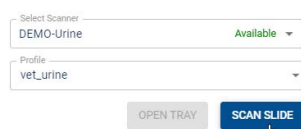
- Log in to Vetscan Imagyst
- Choose the correct test and select **SCAN**. Sample information will come prepopulated from any FUSE-connected software system
- If no practice management integration is available, select **Add New Test (+)**

05 COMPLETE SAMPLE INFORMATION



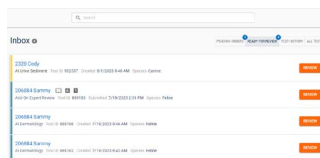
- Choose the volume used
- Enter the dilution factor, if applicable
- Enter any additional information, including sample color & clarity

06 SCAN SLIDE



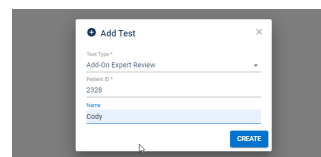
- Unlock the slide holder
- Place the slide in the tray with the label toward the right
- Close the locking mechanism
- Select **SCAN SLIDE**

07 REVIEW RESULTS



- Select **REVIEW**
- Review any captured images
- Manually select additional images for inclusion in the report, if needed
- For a closer look, select **VIEW SLIDE**
- **FINALIZE** the report to move it to **TEST HISTORY**
- Select **SHARE** or download a printable PDF

08 ADD-ON EXPERT REVIEW* (OPTIONAL)



- Select **Add New Test (+)**
- Choose the sample
- Attach history documents (.pdf) or photos (.jpeg)
- Add a stained urine sediment smear or line prep slide
- Select **CLOSE**, then **SUBMIT ORDER**
- Find the desired tests and select **REVIEW**

09 CREATE STAINED SLIDE

- Mix the remaining urine sediment well
- Use one drop to create smear or line-prep

- Allow to air-dry
- Stain the slide using a Romanowsky-type stain (e.g. Diff-Quik)

- Add one drop of immersion oil
- Place a 24x60mm coverslip used for digital cytology

*Additional costs may apply.

Contact your Zoetis representative for assistance.

References: ¹Zoetis Data on file. Study report No. DHXMZ-US-23-218 (DX218)

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