



Zeiss Axioscan 7– Quick hands on

- 1. Turning on
- 2. Loading slides
- 3. Selecting a profile and performing a pre-scan
- 4. Using the sample detection wizard
 - Improving/changing sample detection method
 - Improving/changing focus strategy by adding/removing focus points
- 5. Scanning sample
- 6. Turning off



Item: Zeiss Cell discoverer 7 (CD7) SIP: 4661000128 Equi-Nr.: 1060702 UKL-Anlagen-Nr.:

1. Turning on:

Turn on: 1- Power supply (AXIO1), 2- PC (2-AXIO2), Log in: Login: IMT-ZEISS-01 PW: imtzeiss!22

- 3- X-Cite lamp (3-AXIO3),
- 4- Slide Scanner (AXIO4)

Accept the opening of the "Fill out usage time" form and fill it (except for stopping time).

- 5- Open ZEN blue software
- 6- On scan Area, select your data storage location: D:\images

Do not save directly to Z:\pool. The connection to this drive is not stable and may stop the scanning process if disconnected.

- 7. Press open button on Zen program (or on the Axioscan) to open slide magazine
- 8. Load the slides and close the slide magazine

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Open slide magazine and load the slides

Select your saving area (D:\data) Do not save to Zpool directly, nor to the desktop)!

File Edit View Acquisition Graphics

(ZEN) Magazine - ZEN 3.5 (ZEN slidescan)

6

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25

17

Total:

System Overview: Working State:

Door Status: Stage Position:

Naming Definition

Storage Location

D:\DATA\AG-Bechtel-Walz\Ann-Kathrin

0 slides to scan

Ready

Safe Parking

Axio Scan 1 To Scan: 1/1 Can Scan Scan Side Position Side Overview Test-Convalaria_20x_FL Walentek_12082022 Workgroup Documents AG Bechtel-Waiz Not kit types AG Bechtel-Waiz Stick Utypes AG Bechtel-Waiz Bill O Table Scan Side Overview Stick Plantek To Scan: 11 Scan Side Overview Stick Plantek To Scan: Scan Side Overview Stick Plantek Stick Plantek Stick Plantek Stick Plantek Stick Plantek <tr< th=""><th>cuit view Acquisition Graphics tools window riep</th><th></th><th></th></tr<>	cuit view Acquisition Graphics tools window riep		
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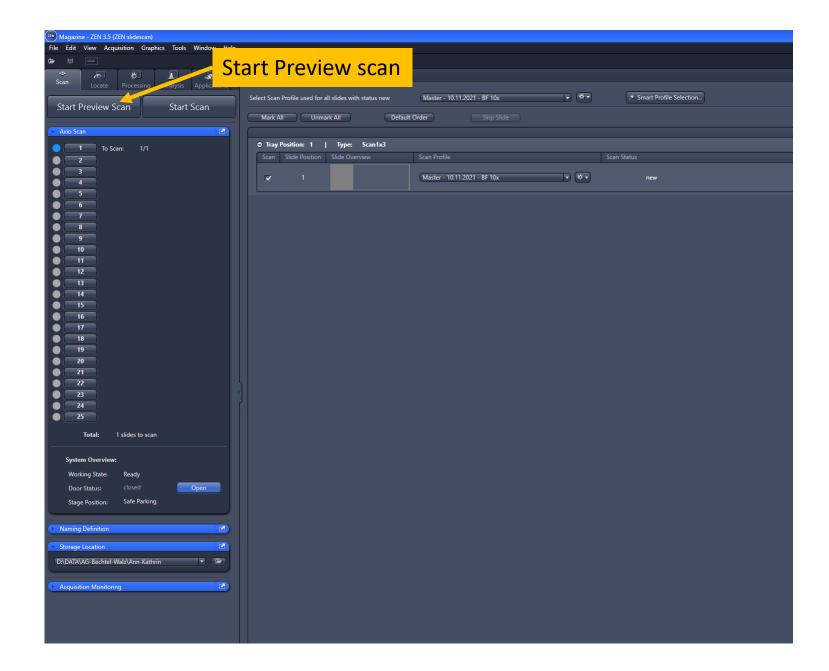
Select a pre-defined profile BF: bright field (≯ Sm FL: fluorescence

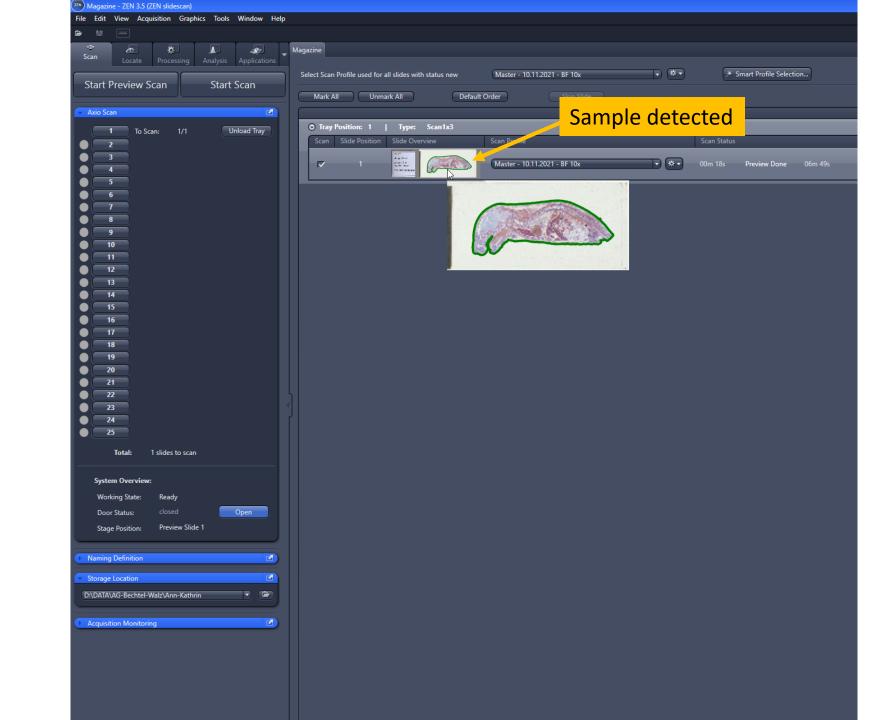
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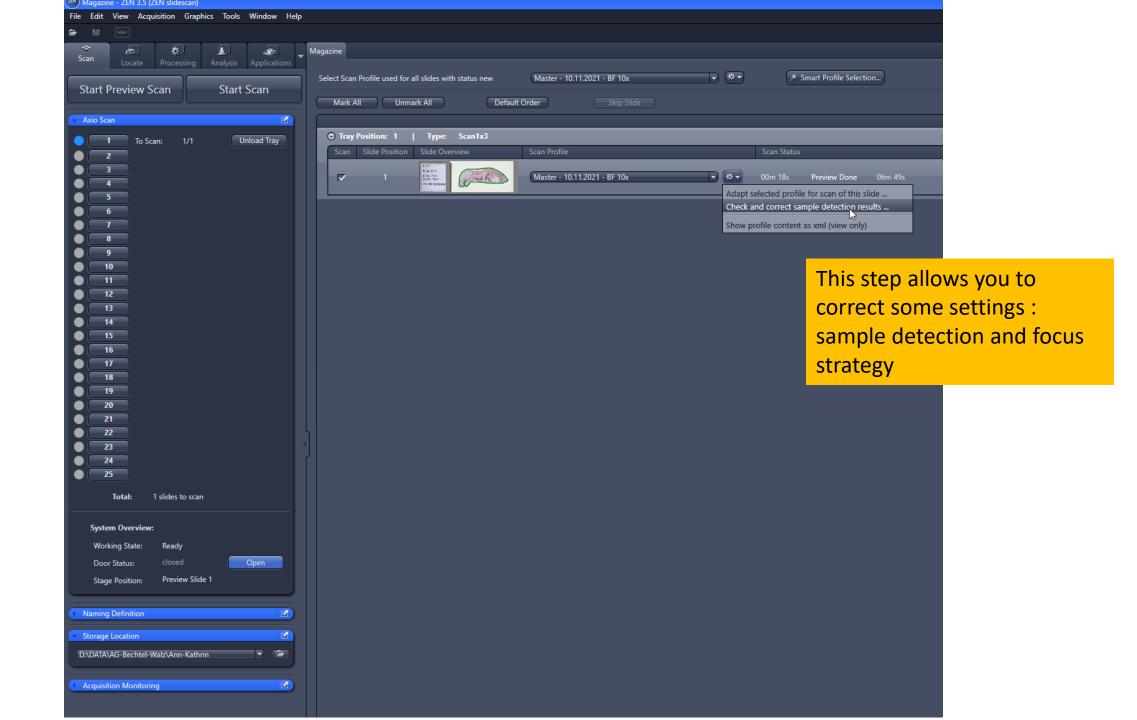
T1S1-ECM FL 20x 488 568 DAPI Kierdorf

T1S1-Master - 10.11.2021 - BF 10x

"Master" profiles can be used and are good enough if one is to look at samples with high contrast

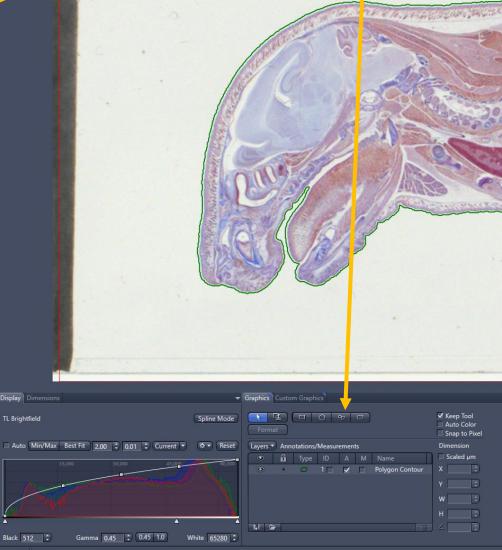






	ard - ZEN 3.5 (ZEN slidescan)	
Sample Detectio		
Step to: Previous Slid	I of 1 Slide 1 of tray 1 y settings over all previews	
Sample Detection Proces	isor:	
Standard	•	
draw them manually.	etect the sample area(s) automatically or hreshhold using the histogram controls (only),	
Sample Detection Mode	Automatic	
Recognition Type	Sample: Marker	
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Show focus points:	None Coarse Focus Fine Focus	
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Sample detection mode: Switch from the automatic to manual mode and delineate your sample detection area

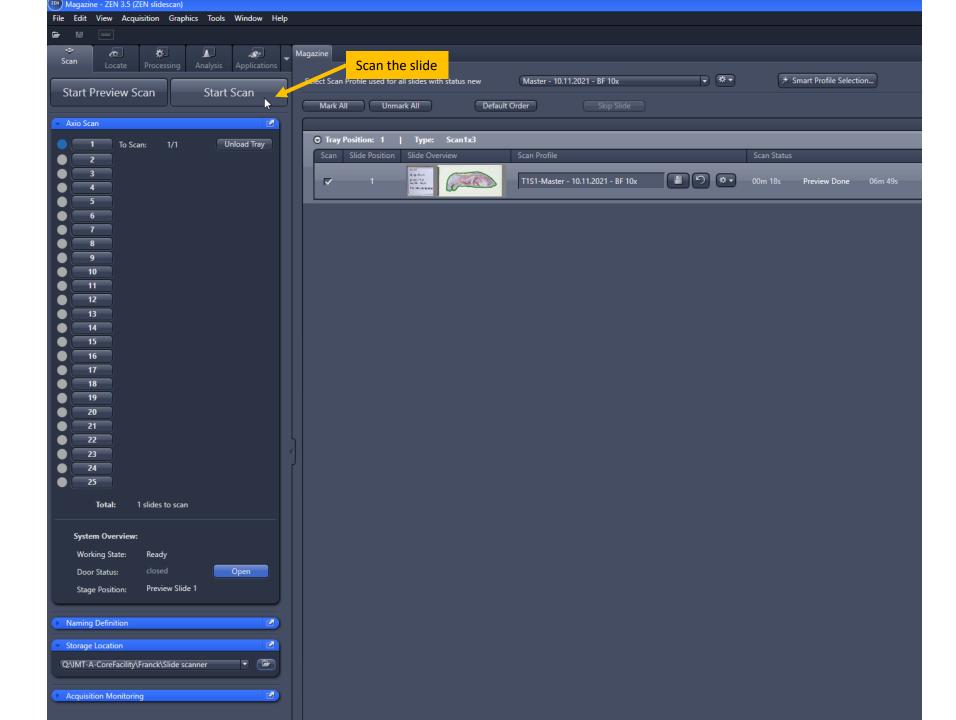


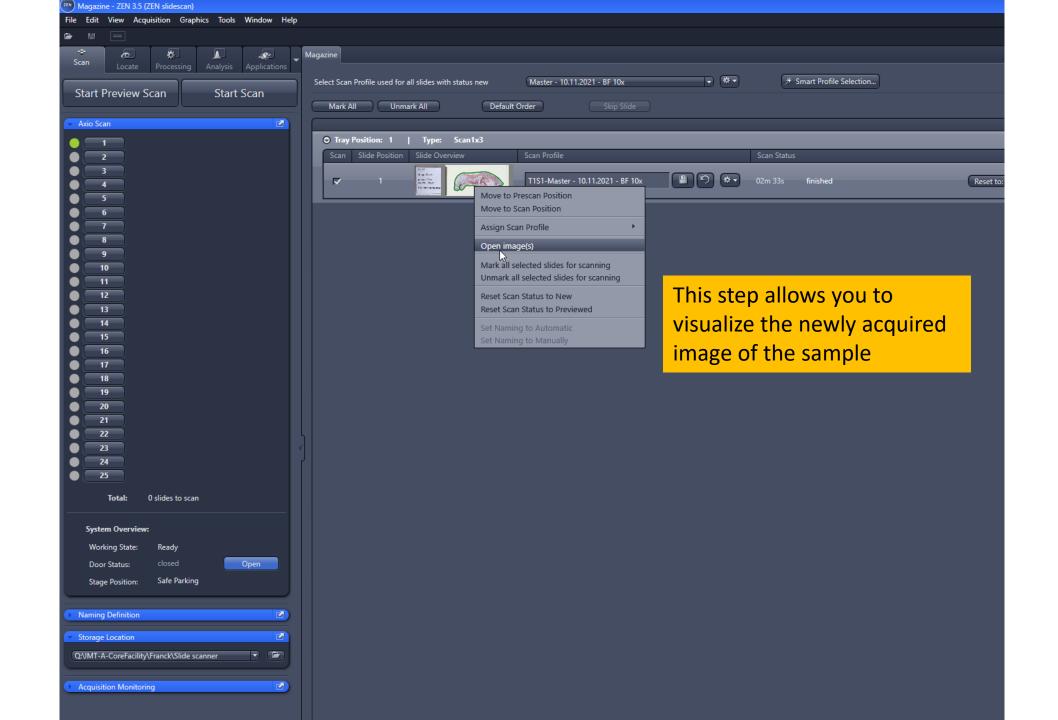
Sample Detection Wizard - ZEN 3.5 (ZEN slidescan) Sample Detection Wizard 1 of 1 Step to: Slide 1 of tray 1 Keep display settings over all previews Sample Detection Processor: Standard 1. Select if you want to detect the sample area(s) automatically or draw them manually. 2. Adjust the detection threshhold using the histogram controls (only available with automatic). Sample Detection Mode Automatic O Martin O distant Recognition Type 🗹 Live Update - *-**Predefined Settings Region Dilation Size:** μm Specimen: Automatic Detection of High Level Threshold of Sample Min. Region Size: mm² Air Border Dilate: Max. Elongation: Reset Prefer Center for Shading Scan Area Show Shading Scan Area Sort Order: Left Right Top Bottom Sort Show focus points: None Coarse Focus Fine Focus Correct focus strategy by adding or - Graphics Custom Graphics ✓ Keep Tool □ Auto Color removing focus points Spline Mode Snap to Pixel Auto Min/Max Best Fit 2.00 1 0.01 Current Reset Layers Annotations/Measurements Dimension ● 🔒 🗂 1 🗖 🔽 🗖 Polygon Contour $\hat{\odot}$ W 8 🕞

Gamma 0.45 \$ 0.45 1.0 White 65280

Black 512

Max. Elongation: Reset Prefer Center for Shading Scan Area Solve Shading Scan Area	
Sort Order: Left Right Top Bottom Sort Show focus points: None Coarse Focus Fine F	
Press finish	Display Dimensions - G
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Finish Cancel	*





1. Turning off:

1- Press unload the slides

2- Open the Magazine door, remove the slides and close the door

- 4- Enter the ending time in the "Usage time" form
- 3- Close Zen program
- 4- Switch off the Axioscan (#AXIO4)
- 5- Switch off the X-cite lamp (#AXIO3)
- 6- Switch off Computer
- 7- Switch off Power supply (#AXIO1)
- 8- Fill out the paper log sheet