



## ZEISS Axiolab 5 智慧型顯微鏡

Your Smart Microscope for More Efficient  
Routine Lab Work

更簡單、更智慧、更整合，您的實驗室日常操作最佳夥伴



蔡司顯微鏡授權經銷商



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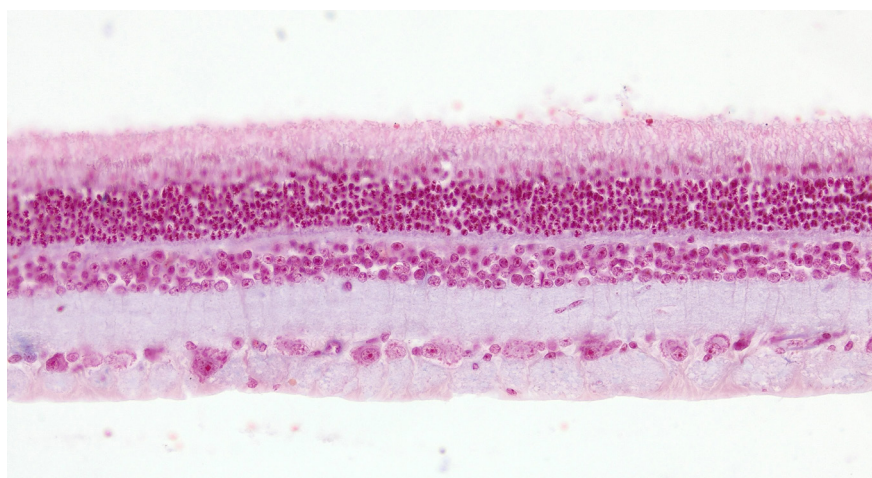
# ZEISS Axiolab 5

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Axiolab 5 is made for the routine microscopy work that goes on every day in your lab. Its compact and ergonomic design saves space and makes for easy handling. Axiolab 5 is a real team player. Combine it with Axiocam 208 color and take full advantage of the smart microscopy concept: you'll be experiencing a completely new form of digital documentation. Just focus your sample and press a single button for crisp images in true color. The digital image will look like you see it through

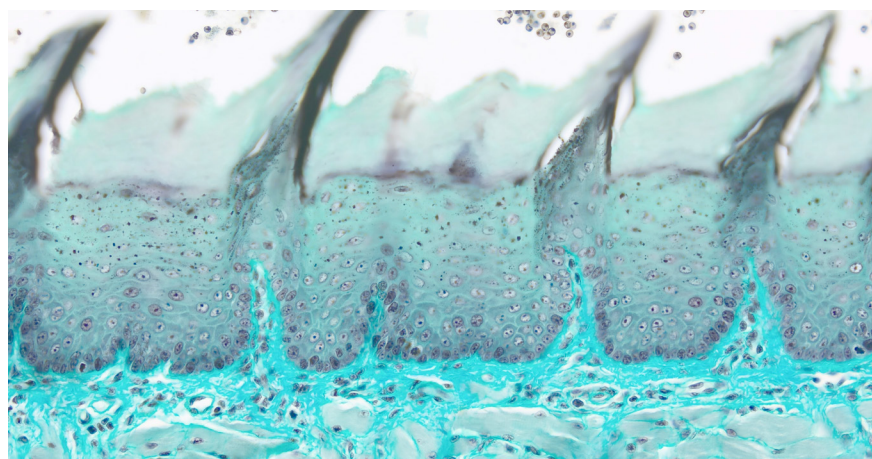


*Rat retina, section, nuclear fast red, transmitted light brightfield, objective: Plan-Apochromat 20x/0.8*

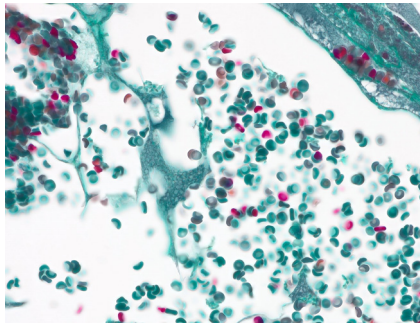


the eyepieces, with all the details and subtle color differences clearly visible. Plus, Axiolab 5 automatically adds the correct scaling information to your images. You get all of this in a stand-

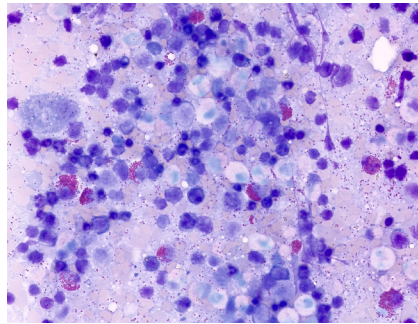
alone operation, without needing a PC or any additional software. Save time, money and valuable lab space with Axiolab 5. Digital documentation has never been easier.



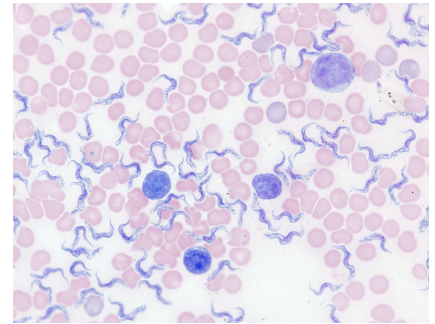
*Rat tongue, acid green, transmitted light brightfield, objective: Plan-Apochromat 20x/0.8*



Blood vessels, transmitted light brightfield,  
objective: Plan-Apochromat 40x/1.4



Red bone marrow, transmitted light brightfield,  
objective: Plan-Apochromat 40x/1.4



Blood smear, Giemsa staining, transmitted light  
brightfield, objective: Plan-Apochromat 63x/1.4

### Increase Efficiency in Your Routine Lab

Once you find a region of interest, simply press the snap button right on the stand to acquire the image. It's as easy as that. Axiolab 5 offers you an easy handling, ergonomic user concept that's adapted to your lab routine. You can control the microscope and its attached camera without even changing your grip. Your smart microscope system then automatically adjusts the parameters for you and documents your sample precisely as you see it through the eyepieces – detail-rich and in true color. The correct scaling is always included automatically. You don't need to invest in another computer or software either. With smart microscopy you'll work more efficiently and always stay focused on your sample.

### Clever Ergonomics for Relaxed Lab Work

Axiolab 5 is strong on ergonomics and efficiency. You can access all the main controls with just one hand, including the Snap button, stage drive, focus adjustment, and brightness control. Ergotubes and the height and torque adaptable stage handle allow you to work in a comfortable position, even during extended use. The dual specimen holder means fewer slide changes – for example, when you're examining IHC slides – so fatigue is reduced. The new light manager provides uniform brightness at all magnifications, eliminating manual lamp intensity adjustments when changing objectives. Overall, Axiolab 5 minimizes and eases out manual steps, allowing you to work more efficiently and in greater comfort.

### More Economic and Reliable

Axiolab 5 is on your side when it comes to cost- and energy-saving. Activate Eco-mode, for instance, and Axiolab 5 automatically goes to standby after being idle for 15 minutes. This saves energy and extends illumination life time. LEDs have a long lifetime as compared to conventional illumination systems. In transmitted light, the new powerful white LED allows you to visualize your sample in natural colors. Even subtle color differences can be clearly seen. For fluorescence, the integrated LEDs in various wavelengths are easier and safer to use than e.g. classical mercury lamps. With LEDs, you avoid warm-up and cool-down times. Lamp replacement and lamp adjustment is a thing of the past. Save lab space and costs as Axiolab 5 with smart microscopy does not require an additional computer and software.



# Your Flexible Choice of Components

## Stand-alone for Basic Routine Imaging



ZEISS Axiolab 5 operates independently of a computer system.

## ZEISS Labscope for Advanced Routine Imaging



Operating ZEISS Axiolab 5 with ZEISS Labscope imaging app is ideal for connected microscopy and standard multichannel fluorescence imaging.

## ZEISS ZEN for Research Applications



Use ZEN imaging software to perform advanced imaging tasks with ZEISS Axiolab 5.

## 產品特色

- 單手操控、符合直覺操作流程，鏡體與相機控制可同時掌握，操作無縫流暢
- 一鍵擷取影像，系統自動最佳化拍攝參數，還原目鏡所見色彩與細節
- 自動加入比例尺，無需額外軟體或電腦
- LED 螢光光源，省電、安全、即開即用，無需預熱或更換燈泡
- 人體工學設計（可調式目鏡筒與載物台旋鈕阻力設定），長時間操作也舒適
- 多人共觀系統，可讓所有觀察者同步看到相同方向與畫面

## 多樣化應用領域

- 白血球計數（Brightfield）：可單手完成所有關鍵控制
- 無染色結構觀察（Darkfield）：一眼辨識樣本細節
- 雙折射結晶檢查（Polarization）：適用於痛風等晶體觀察
- 細胞遺傳檢查（Fluorescence）：適用於染色體與分子細胞遺傳分析
- 血液與體液分析（Brightfield/Phase Contrast）：可進行血液細胞形態、止血功能等檢測
- 試管嬰兒實驗室（IVF）：觀察精子或其他生殖細胞

### Routine imaging workflow



Smart functionality for digital documentation in brightfield and fluorescence for routine applications.

### Efficiency gain:

Eyes and hands stay on the microscope.



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