# **QBC** *F.A.S.T.*<sup>™</sup> AFB Kits

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# **AFB Kits**

3-Minute TB Staining for Fluorescence Microscopy







# Fluorescent TB Staining in Just 3 Minutes with *F.A.S.T.*<sup>™</sup> AFB Kits



The World Health Organization has called on labs everywhere to improve the accuracy of tuberculosis detection with auramine stain-based fluorescence microscopy.<sup>1</sup> QBC Diagnostics' *F.A.S.T.* (Fluorescence and Staining Technologies) AFB Kits answer this call with the fastest auramine staining available today and other unique features that provide unrivaled ease of use:

#### 3-Minute Staining

*F.A.S.T.* AFB Stain prepares sputum samples for review in just 3 minutes, a fraction of the 20-minute staining time required for Ziehl-Neelsen or traditional auramine stains.

#### ■ SureFocus<sup>™</sup> Microscope Slide

Exclusive to *F.A.S.T.* AFB Kits, SureFocus slides simplify review with a patent-pending smear guide that remains visible during fluorescent examination, keeping samples in focus and providing a suggested review path sized to meet WHO grading recommendations.

## Design The System You Need

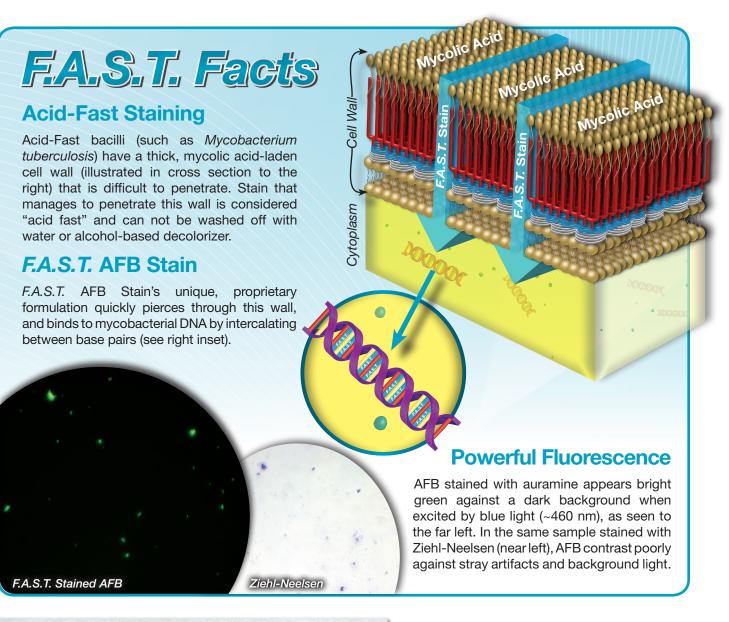
*F.A.S.T.* AFB Kits can be configured to include all of the tools needed for smear review, including quality control slides, sputum digestion solution, SureFocus slides, and more.

# ■ ParaWorld<sup>™</sup> Training Resources

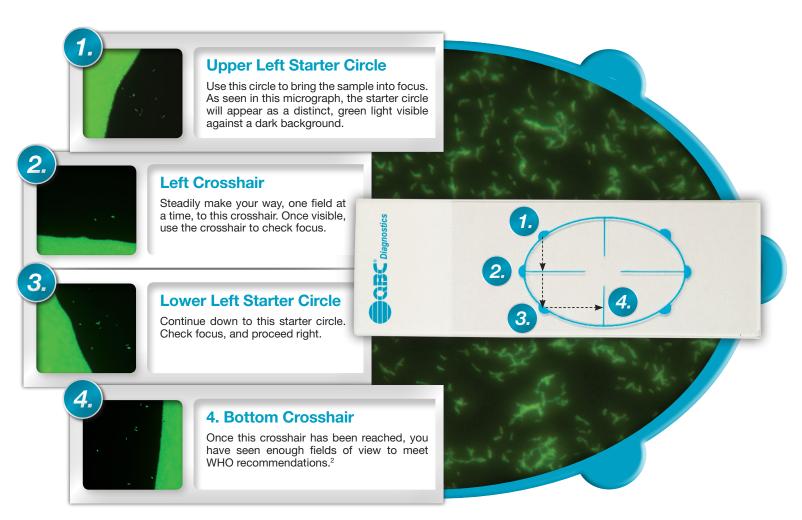
ParaWorld training resources are readily available to assist all *F.A.S.T.* users in learning and mastering the latest techniques in fluorescence microscopy review.







The SureFocus Microscope Slide simplifies AFB detection for all users. The suggested review path (seen on the slide below) allows users to make the most of the SureFocus slide:







**Compare to:** 





# Ziehl-Neelsen or Standard Auramine Staining Time: 20 Minutes

# The Complete TB Solution

QBC Diagnostics has developed a Complete TB Solution designed to make adoption of *F.A.S.T.* technology easier for all users:

#### **ParaLens Advance**

The ParaLens Advance can turn any compound light microscope into a high-powered LED fluorescence microscope. It attaches as easily as an objective, and boasts a long-lasting, durable LED light source that can be powered through a variety of convenient means.



#### **ParaWorld Training Resources**

From training sessions to videos, bench aids, and more, ParaWorld has all of the educational tools necessary to get the most out of your F.A.S.T. products. To discover more, visit us online at http://www.druckerdiagnostics.com.

> **ParaLens Advance** & SureFocus Slide

# **Ordering Information**

#### QBC F.A.S.T. Auramine O Stain Kit (120 mL)

Includes stain for approximately 400 tests: 1 - 120 mL bottle of F.A.S.T. Auramine O Stain, and 1 - 120 mL bottle of F.A.S.T. Decolorizer/Quencher.

#### QBC F.A.S.T. Auramine O Stain Kit (250 mL) 427424

Includes stain for approximately 800 tests: 1 - 250 mL bottle of F.A.S.T. Auramine O Stain, and 1 - 250 mL bottle of F.A.S.T. Decolorizer/Quencher.

#### QBC F.A.S.T. Auramine O Stain Kit (3.8 L)

Includes stain for approximately 12.800 tests: 1 - 3.8 L (1 gallon) bottle of F.A.S.T. Auramine O Stain, and 1 - 3.8 L (1 gallon) bottle of F.A.S.T. Decolorizer/Quencher.

#### QBC F.A.S.T. SureFocus™ Microscope Slides 427411

Includes 1 box of 432 slides.

#### QBC F.A.S.T. Quality Control Slides

Includes 1 box of 5 slides.

#### QBC F.A.S.T. AFB Smear Kit

Includes supplies for 400 tests: F.A.S.T. Auramine O Stain Kit (120 mL), 5 Quality Control Slides, 432 F.A.S.T. SureFocus Microscope Slides, 400 F.A.S.T. Sputum Cups, and 400 F.A.S.T. Applicator Sticks.

#### QBC F.A.S.T. AFB Smear Kit with Digestion Solution 427408

Includes supplies for 400 tests: F.A.S.T. Auramine O Stain Kit (120 mL), 5 Quality Control Slides, 432 F.A.S.T. SureFocus Microscope Slides, and 27 bottles of F.A.S.T. Sputum Digestion Solution.

#### QBC F.A.S.T. AFB E-Z Smear Kit (50 Test Count) 427410

Includes 10 packs, each containing supplies for 5 tests: 3 mL F.A.S.T. Auramine O Stain, 3 mL F.A.S.T. decolorizer/quencher, 5 F.A.S.T. SureFocus Microscope Slides, 5 F.A.S.T. Sputum Cups, and 5 F.A.S.T. Applicator Sticks.

#### **Complete Fluorescence Systems**

#### QBC F.A.S.T. AFB Detection System with ParaLens Advance, Microscope, and Centrifuge (115 V, 60 Hz) 427400

Includes research grade microscope with 4x, 10x, 40x, and 100x objectives, ParaLens Advance microscope attachment with 20x and 40x objectives, QBC HorizonTM 755VES Centrifuge (115 V, 60 Hz), and QBC F.A.S.T. AFB Smear Kit with Digestion Solution.

#### QBC F.A.S.T. AFB Detection System with ParaLens Advance, Microscope, and Centrifuge (230 V, 50 Hz) 427414

The same as above, with a QBC Horizon 755VES Centrifuge (230 V, 50 Hz).

#### QBC F.A.S.T. AFB Detection System with ParaLens Advance and Centrifuge (115 V, 60 Hz)

Includes ParaLens Advance microscope attachment with 20x and 40x objectives, QBC Horizon 755VES Centrifuge (115 V, 60 Hz), and F.A.S.T. AFB Smear Kit with Digestion Solution.

#### QBC F.A.S.T. AFB Detection System with ParaLens Advance and Centrifuge (230 V, 50 Hz)

The same as above, with a QBC Horizon 755VES Centrifuge (230 V, 50 Hz).

## References

1. World Health Organization Website, 2010. Web. 1 Dec. 2010. (http://www.who. int/tb/laboratory/who\_policy\_led\_microscopy\_july10.pdf).

2. Fluorescent Stain Preparation. WHO laboratory services in tuberculosis control. Part II: Microscopy. WHO/TB/98.258. Geneva, Switzerland: WHO, 1998: 44-46.

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#### 427409

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