

GeneXpert Technology = Saving lives from TB-HIV

Tuberculosis (TB) is the leading killer of people with HIV.¹ However, the most common TB diagnostic is more than 130 years old and fails to detect the disease in many people living with HIV.²

THE SOLUTION? GENEXPERT.

GeneXpert[®] is a new technology endorsed by the World Health Organization. It has a 94 percent success rate in detecting TB in people living with HIV, compared to the old diagnostic which only had a 50 percent success rate.^{4,5}

GeneXpert uses sophisticated DNA technology, and delivers results in two hours instead of weeks with the old method of slides and microscopes. GeneXpert can also identify possible cases of drug-resistant TB – enabling treatment to be tailored to fight infection properly, rather than making it worse.

KNOWING YOUR STATUS IS EVERYTHING.

While TB is the leading killer of people living with HIV, TB is curable. Diagnosing patients correctly and quickly enables people to not only get treatment so they can lead healthy and productive lives but also stops the spread of this airborne killer.

**GeneXpert can find TB. Treatment can stop TB.
Access to both will save lives.**

NEW TECHNOLOGY SAVES LIVES

AN AWARD-WINNING ACTION FILM



The two-minute film tells the story of Piara, a garment worker in Bangladesh. Even though she was sick with TB, the standard diagnostic was unable to correctly diagnose her. Thanks to GeneXpert, she was able to start treatment.

Please visit newtbdrugs.org/blog/videos/action-new-technology-saves-lives to view the short film.

1. World Health Organization (2011). TB/HIV Facts 2011 [factsheet]. Retrieved from http://www.who.int/tb/challenges/hiv/factsheet_hivtb_2011.pdf 2. Perkins, M.D. and Cunningham, J. (2007). Facing the crisis: improving the diagnosis of tuberculosis in the HIV era. *Journal of Infectious Diseases* 196(Supplement 1): S15-S27. 3. Also called Xpert MTB/RIF, Xpert. 4. Boehme, C.C. et al (2010). Rapid molecular detection of tuberculosis and rifampicin resistance. *New England Journal of Medicine* 363(11): 1005-1015. 5. Mendelson, M. (2007). Diagnosing tuberculosis in HIV-infected patients: challenges and future prospects. *British Medical Bulletin* 81-82(1): 149-165.

No matter who you are or where you live, you can join us in persuading leaders to become champions for global health.

- ▶ WRITE A LETTER TO YOUR GOVERNMENT.
- ▶ MEET WITH YOUR MEMBER OF CONGRESS OR PARLIAMENT.
- ▶ RAISE AWARENESS IN YOUR COMMUNITY.
- ▶ EXPRESS YOUR OPINION IN YOUR LOCAL NEWSPAPER.
- ▶ PRODUCE A VIDEO OR WRITE A BLOG.
- ▶ PARTICIPATE IN COMMUNITY EVENTS.

LEARN MORE AND JOIN OUR NETWORK AT WWW.ACTION.ORG.



TUBERCULOSIS
kills one in four
people with HIV.

ACTION IS A GLOBAL PARTNERSHIP OF ADVOCACY ORGANIZATIONS WORKING TO INFLUENCE POLICY AND MOBILIZE RESOURCES TO FIGHT DISEASES OF POVERTY AND IMPROVE EQUITABLE ACCESS TO HEALTH SERVICES.

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