

# THE TEAMS BEHIND THE TOOLS

Partners in the national, international, academic, industrial and philanthropic sectors work together to develop new technologies in the fight to control and eliminate neglected tropical diseases. Teams are listed in alphabetical order.

\*Funded  
\*Manufactured  
\*Lab-Tested  
\*Field-Tested  
\*Advocated



Lymphatic Filariasis



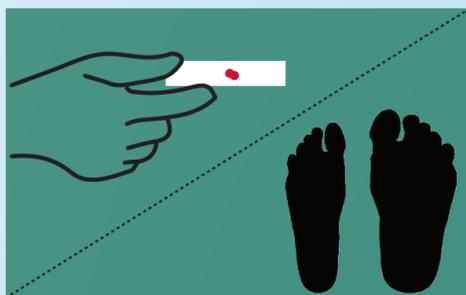
River Blindness



Blinding Trachoma

## The Alere Filariasis Test Strip

A point-of-care blood test that detects the *Wuchereria bancrofti* antigen for lymphatic filariasis, which can lead to elephantiasis

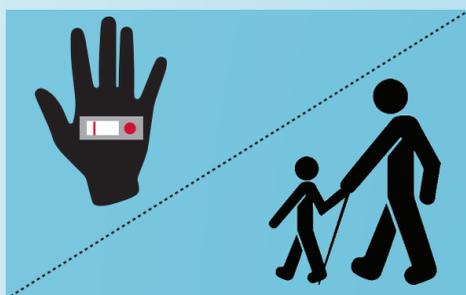


The Team: Alere\*, Bill & Melinda Gates Foundation\*, Centers for Disease Control and Prevention\*\*, Coalition for Operational Research on Neglected Tropical Diseases\*, Ministries of Health in Africa, the Americas & Southeast Asia\*, RTI\*, USAID\*, Washington University School of Medicine in St. Louis\*\*

The Wins: Lower cost & longer shelf life; endorsed by the World Health Organization Scientific and Technical Advisory Group for Neglected Tropical Diseases

## The Ov16 Rapid Diagnostic Test

A point-of-care test that detects antibodies against the Ov16 antigen from *Onchocerca volvulus*, which causes river blindness

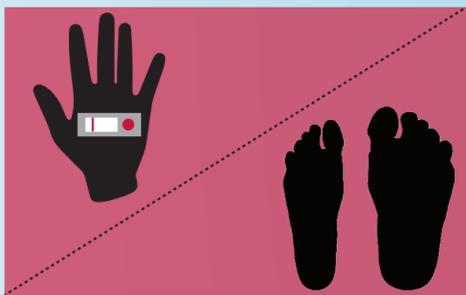


The Team: Bill & Melinda Gates Foundation\*, Centers for Disease Control and Prevention\*\*, Coalition for Operational Research on Neglected Tropical Diseases\*, National Institute of Allergy and Infectious Diseases\*, PATH\*\*, Standard Diagnostics, Inc.\*, Togo Ministry of Health\*, USAID\*

The Wins: Affordable, easy-to-use and less painful than the previously recommended test, which required a skin biopsy

## The Wb123 Rapid Diagnostic Test

A point-of-care test that detects antibodies against the Wb123 antigen from *Wuchereria bancrofti*, which causes lymphatic filariasis

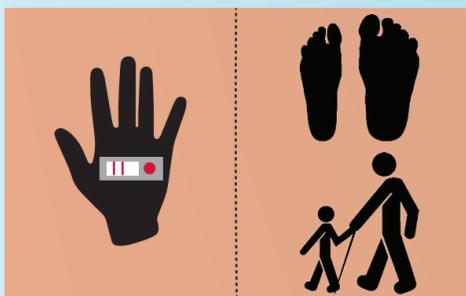


The Team: Bill & Melinda Gates Foundation\*, Centers for Disease Control and Prevention\*\*, Coalition for Operational Research on Neglected Tropical Diseases\*, National Institute of Allergy and Infectious Diseases\*, PATH\*\*, Standard Diagnostics, Inc.\* USAID\*

The Wins: Sensitive and specific test to support surveillance of disease transmission

## The Ov16/Wb123 Biplex

A point-of-care test for biomarkers of two diseases simultaneously: river blindness and lymphatic filariasis

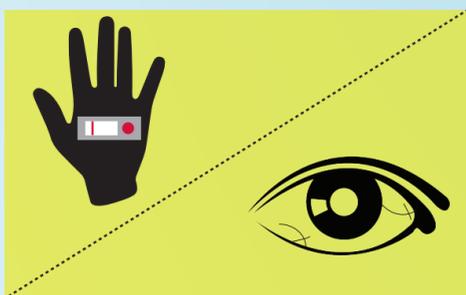


The Team: APOC\*, Bill & Melinda Gates Foundation\*, Centers for Disease Control and Prevention\*\*, Coalition for Operational Research on Neglected Tropical Diseases\*, Ministries of Health in Africa\*, National Institute of Allergy and Infectious Diseases\*, PATH\*\*, Smith College\*, Standard Diagnostics, Inc.\*, USAID\*

The Wins: Supports efforts to eliminate both lymphatic filariasis and river blindness by integrating programmatic decision-making

## The Pgp3 Lateral Flow Assay

A rapid test that detects antibodies against the Pgp3 antigen from *Chlamydia trachomatis*, which causes blinding trachoma



The Team: Berhan Health Care and Eye Consultancy (Ethiopia)\*, Centers for Disease Control and Prevention\*\*, Johns Hopkins University\*, Kongwa Trachoma Project (Tanzania)\*, Ministries of Health in Africa & Southeast Asia\*, USAID\*, World Health Organization\*

The Wins: Low-cost, sensitive and specific test to support surveillance of disease transmission



The Coalition for Operational Research on Neglected Tropical Diseases (COR-NTD) is a collaboration comprised of researchers from the academic community, neglected tropical disease program implementers, the World Health Organization and other international agencies and representatives of grant-making organizations.

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