

SD BIOLINE RAPID TESTS

ONCHOCERCIASIS IgG4 • LYMPHATIC FILARIASIS IgG4 • ONCHOCERCIASIS AND LYMPHATIC FILARIASIS IgG4 BIPLEX

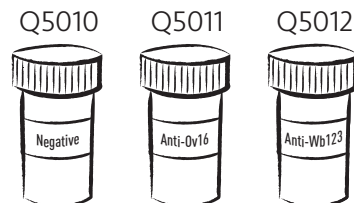
How to use the Daily QC Samples

Daily QC Samples are provided individually: Negative Q5010, Anti-Ov16 Q5011, and Anti-Wb123 Q5012.

Daily QC Sample product inserts are packaged with the vials.
Each vial contains 100 µL.

It is recommended for the Daily QC Samples to be run every day by each field team prior to field testing.

Daily QC Samples should be used prior to using a new lot of tests.



SD BIOLINE Onchocerciasis IgG4 Rapid Test should use: A) **Negative** Daily QC Sample Q5010 and B) **Anti-Ov16** IgG4 Daily QC Sample Q5011.

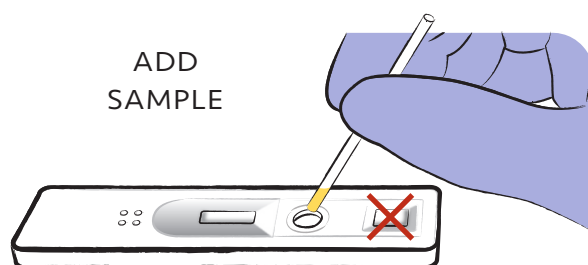
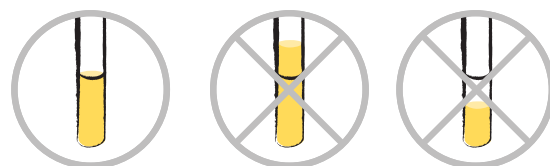
SD BIOLINE Lymphatic Filariasis IgG4 Rapid Test should use: A) **Negative** Daily QC Sample Q5010 and B) **Anti-Wb123** IgG4 Daily QC Sample Q5012.

SD BIOLINE Onchocerciasis and Lymphatic Filariasis IgG4 Biplex Rapid Test should use: A) **Negative** Daily QC Sample Q5010, B) **Anti-Ov16** IgG4 Daily QC Sample Q5011, and C) **Anti-Wb123** IgG4 Daily QC Sample Q5012.

STEP 1. For the SD BIOLINE tests being used, select the appropriate Daily QC Samples. **Run one rapid test with each Daily QC Sample.**

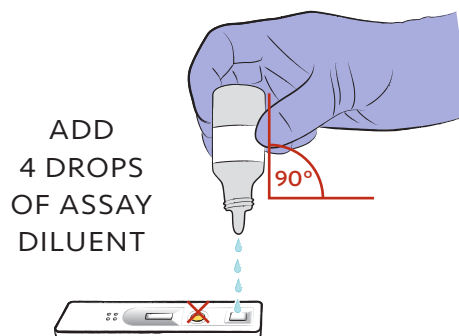
- Check the test expiry date and desiccant.
- Use a new capillary pipette supplied with the test. Squeeze the capillary pipette and place into the Daily QC Sample vial. Slowly release the pressure on the capillary pipette to draw up the sample to the line (see images to the right).
- Place the capillary pipette into the **round sample well**. Do not use excessive force.
Squeeze gently to release the sample. Let the liquid absorb. Discard the pipette into the sharps container.

Do not reuse capillary pipettes.



STEP 2. Add **four drops** of the assay diluent supplied with the SD BIOLINE test kit into the **square assay diluent well**.

Do not add assay diluent to the round sample well.



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How to use the Daily QC Samples

STEP 3. For the Onchocerciasis IgG4 Rapid Test wait **30 minutes**.

For the Lymphatic Filariasis IgG4 Rapid Test and the Oncho/LF IgG4 Biplex Rapid Test wait **30 minutes**

ONCHOCERCIASIS:
30 MINUTES



LYMPHATIC FILARIASIS:
30 MINUTES



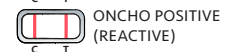
LYMPHATIC FILARIASIS
ONCHO/LF BIPLEX:
30 MINUTES



STEP 4. Read the tests according to the SD BIOLINE Test instructions.

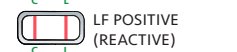
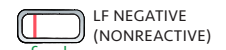
SD BIOLINE Onchocerciasis IgG4 Rapid Test:

- Negative Daily QC Sample must have a line at the C (valid) and no line at the T (negative).
- Anti-Ov16 IgG4 Daily QC Sample must have a line at the C (valid) and a line at the T (positive).



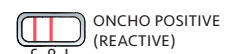
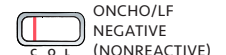
SD BIOLINE Lymphatic Filariasis IgG4 Rapid Test:

- Negative Daily QC Sample must have a line at the C (valid) and no line at the L (negative).
- Anti-Wb123 IgG4 Daily QC Sample must have a line at the C (valid) and a line at the L (positive).



SD BIOLINE Onchocerciasis and Lymphatic Filariasis IgG4 Biplex Rapid Test:

- Negative Daily QC Sample must have a line at the C (valid) and no line at the O or L (negative).
- Anti-Ov16 IgG4 Daily QC Sample must have a line at the C (valid), a line at the O (positive), and no line at the L (negative).
- Anti-Wb123 IgG4 Daily QC Sample must have a line at the C (valid), no line at the O (negative), and a line at the L (positive).



STEP 5. If results are as described in Step 4, proceed with field testing.

If results are not as described in Step 4, DO NOT continue field testing. Consult a supervisor before proceeding. If expected results are not obtained after repeat testing, contact PATH and share your data collection forms.



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For more information or training-related questions, contact PATH's Diagnostics Program at dxinfo@path.org.

