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SD BIOLINE Lymphatic Filariasis IgG₄

One Step Lymphatic Filariasis IgG₄ test

Lymphatic filariasis (LF), the major cause of elephantiasis, is spread by mosquitos and damages the lymphatic system, leading to serious disability, disfigurement, and low quality of life across Africa and some parts of Asia. *Wuchereria bancrofti* (Wb) is one of three species of parasitic worms responsible for LF and accounts for 90 % of the infections globally, including all cases on the African continent. Studies have shown that the human IgG₄ antibody response to the *W. bancrofti* protein Wb123 is a sensitive and specific marker for exposure to *W. bancrofti* infection.



General Information

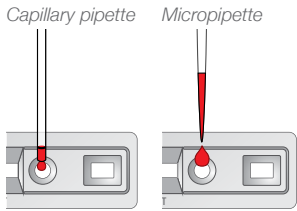
The SD BIOLINE Lymphatic Filariasis IgG₄ test is a rapid, qualitative test for the detection of IgG₄ antibodies against the *Wuchereria bancrofti* Wb123 antigen in human serum, plasma or whole blood

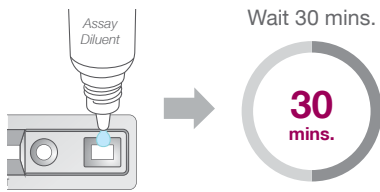
- Use for endemic areas where mass drug administration (MDA) has been ongoing for several years
- Specimen: Whole blood, serum, plasma
- Time to results: 30 minutes. (The results are valid from 30 minutes to 24 hours.)
- Shelf life and storage temperature: 24 months at 1-40 °C
- Performance (Reference method: ELISA)
 - Sensitivity: 93.33 %(WB), 98.33 %(S/P)
 - Specificity: 98.89 %(WB), 95.56 %(S/P)

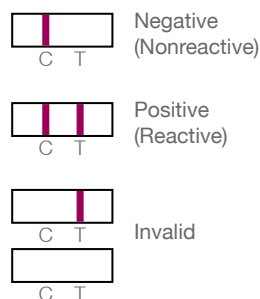
Materials Provided

- Test device
- Assay diluent
- Capillary pipette (10 µl)
- Alcohol swab
- Lancet

Test Procedure

1 Add Specimen
Dispense 10 µl of whole blood, serum or plasma into the sample well.


2 Add Assay Diluent
Dispense 4 drops of the assay diluent.


3 Read Results


Ordering Information

Product	Cat. No.	Type	Specimen	Pack Size
Lymphatic Filariasis IgG ₄	61FK30	Device	Serum/Plasma/Whole Blood	25T/Kit