

Reporting Title: Filaria IgG4 Antibody**Performing Location: Focus Diagnostics,****Specimen Requirements:**

Draw blood in a plain red-top tube(s), serum gel tube(s) is acceptable. Spin down and send 0.2 mL serum refrigerated in a plastic vial.

Specimen Type	Temperature	Time
Serum	Refrigerated (preferred)	14 days
	Frozen	30 days
	Ambient	7 days

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
FFAG4	Filaria IgG4 Antibody	Alphanumeric		

CPT Code: 1 x 86682**Reference Values:**

Reference Range: <1:50

Interpretive Criteria:

<1:50 Negative
1.50-3.00 Equivocal
>3.00 Positive

This assay detects Filaria IgG4 associated with infections caused by the major filarial parasites, including *Dirofilaria immitis*, *Wuchereria bancrofti*, *Brugia malayi*, and *Onchocerca volvulus*. Detection of IgG4 subclass antibody offers enhanced specificity without sacrifice of sensitivity. Chronic filarial infections manifesting as elephantiasis may not show a significant IgG4 response, and cannot be ruled out by this assay. Equivocal results may represent cross-reactive antibodies induced by infection with other nematodes.

Test Performed by: Focus Diagnostics
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