



AVIOQ[®] HIV-1

Microelisa System

For the qualitative detection of antibodies to Human Immunodeficiency Virus Type 1 (HIV-1) in human specimens collected as serum, plasma, oral fluid, or dried blood spots.

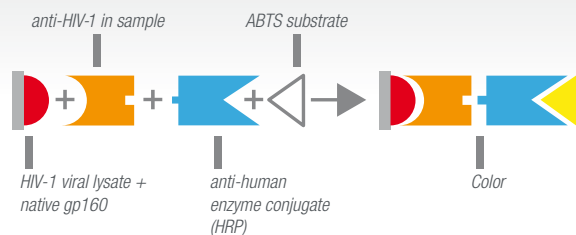
100% sensitivity and 100% specificity*

The performance characteristics of the Avioq HIV-1 Microelisa System combined with the simplicity and efficiency of the test format are an unbeatable combination. Color-coded, liquid, ready-to-use reagents and 10µl serum or plasma sample input make this test ideal for automation.

*See package insert for 95% Confidence Intervals



Principle



The Avioq Microelisa System is an enzyme-linked immunosorbent assay (ELISA) for the qualitative detection of antibodies to Human Immunodeficiency Virus type 1 (HIV-1) in human specimens collected as serum, plasma, oral fluid, and dried blood spots. The Avioq HIV-1 Microelisa System is intended for use as an aid in diagnosis of infection with HIV-1.

The Avioq HIV-1 Microelisa System uses inactivated, purified HIV-1 antigens, which are coated on the wells of microwell plates, for the detection of antibodies against HIV-1. Upon addition of a diluted test specimen containing antibodies to HIV-1 to a microwell, immune complexes are formed through the interaction between the HIV-1 antibodies in the specimen and the HIV-1 antigens coated on the microwell. Following incubation and a wash to remove unbound material, the wells are incubated with the enzyme conjugate, washed again, incubated with substrate, and read after the addition of the stop solution.

Because of the use of HIV-1 viral lysate as the primary antigens in the test, significant crossreactivity with HIV-2 specimens was observed..

AVIOQ® HIV-1 Microelisa System

Features:

- 100% specificity in random donor population seen in clinical trials (95% confidence interval of 99.94% to 100%).
Result: Reduced costs for confirmatory testing
- High positive predictive value.
Result: Saves the cost of running unnecessary Western Blot tests
- Fast, convenient procedure: total incubation time only 2 hours 10 minutes.
Result: Practical 60/60/10-minute format adapts to laboratory workflow with rapid throughput to results
- Direct dilution into microplate well.
Result: Eliminates need for time-consuming external dilution step and cost of dilution tubes
- Economical and versatile 8-well strip plate format.
Result: Adaptable to automation
- Convenient microelisa procedure.
Result: Color-coded reagents with sample addition monitor for confidence in results
- High correlation between initial and repeat results.
Result: Reduces unnecessary repeat testing

AVIOQ HIV-1 Microelisa System

Description	Product No.	Packaging
Avioq HIV-1	100384	384 Tests
Avioq HIV-1	100960	960 Tests
Avioq HIV-1	109600	9600 Tests
Wash Concentrate 50X	250622	4 Bottles
DBS Elution Medium	250626	4 Bottles

