VISITECT® CD4 ADVANCED DISEASE

Supporting the identification of advanced disease in people living with HIV

Informing decisions
Improving health

ORIENT GENE®

Ordering Information

Part number: OD376

Description: VISITECT CD4 Advanced Disease

Tests per kit: 25

Sample type: Whole blood

CE-marked: Yes

CE

VISITECT® CD4 Advanced Disease supports the identification of advanced disease in people living with HIV

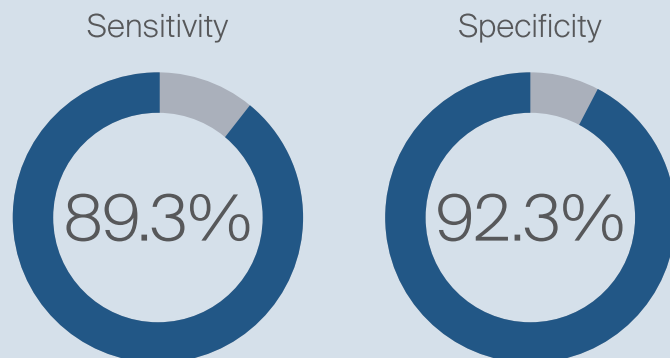## VISITECT® CD4 Advanced Disease is a unique, instrument-free, rapid and disposable CD4 test.

CD4 remains the best measurement of a patient's immune and clinical status,

identifying those at risk of opportunistic infections (OI), and supporting diagnostic decision-making, particularly for patients living with advanced HIV disease.[1]

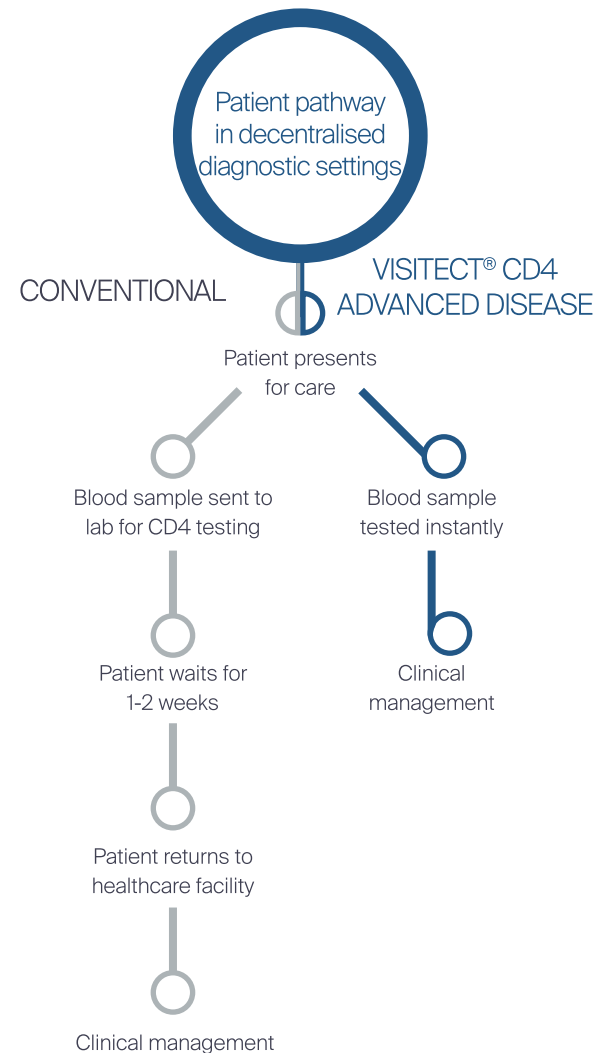VISITECT® CD4 Advanced Disease is a rapid, semi-quantitative lateral flow assay for

the estimation of CD4 protein on the surface of CD4+ T cells in human whole blood that indicates whether the level is above or below 200 cells/μL. It can be used in decentralised settings at the point-of-care or primary healthcare level.

Performance data with capillary samples[2]

Sensitivity

89.3%

Specificity

92.3%

Patient pathway in decentralised diagnostic settings

CONVENTIONAL — VISITECT® CD4 ADVANCED DISEASE

Patient presents for care

Conventional:
- Blood sample sent to lab for CD4 testing
- Patient waits for 1-2 weeks
- Patient returns to healthcare facility
- Clinical management

VISITECT® CD4 Advanced Disease:
- Blood sample tested instantly
- Clinical management

Test Interpretation

C 200 T	C 200 T	C 200 T
BELOW REFERENCE	BELOW REFERENCE	ABOVE REFERENCE

VISITECT® CD4 Advanced Disease benefits people living with HIV and healthcare providers

Accelerate clinical disease management

Faster decision-making, reduce burden on healthcare workers

Reduce patient loss to follow-up

Improve patient retention

Test anywhere, anytime
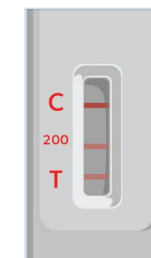
Convenient, disposable and read by eye

Reduce costs

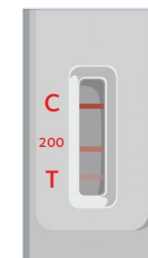Zero investment in equipment, no sample transport required

Improve patient outcomes

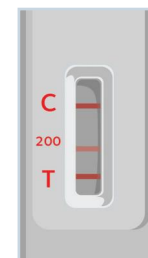Patients with advanced HIV disease targeted for OI investigations earlier

References

1. N Ford et al. The evolving role of CD4 cell counts in HIV care. Curr Opin HIV AIDS. 2017; 12: 123-128
2. VISITECT® CD4 Advanced Disease performance compared to flow cytometry in two studies conducted in India (n=144) and Zimbabwe (n=145) using finger-prick blood. 95% Confidence Intervals.