

Patient Name	: Mr. CLEMENT SAGOE	Sample UID No.	: 4092537
Age / Gender	: 30 Y / Male	Sample Collected On	: 02-07-2025 16:00
Patient ID	: QLD092331	Registered On	: 02-07-2025 21:41
Referred By	: CITY CARE	Reported on	: 03-07-2025 07:24
Referral Client	: CITICARE MEDICAL CENTER	External Patient ID	: 44771
Emirates ID / Passport No	:	Print Version	: V.1

Department of IMMUNOLOGY

<u>Investigation</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>Biological Reference Interval</u>	<u>Method</u>
HIV I & II ANTIBODY AND P24 ANTIGEN	0.18 (Non-reactive)		COI	< 1.00 : Non-reactive ≥ 1.00 : Reactive	ECLIA

Sample: Serum

Interpretation Notes :

Specimens with COI values <1.00 are considered Nonreactive(NR) Specimens with COI values > OR equal to 1.00 are considered reactive®

CLINICAL IMPLICATIONS: 1. The method is a fourth generation assay which detects HIV1and 2/p24 antigen based on chemiluminescent microparticle immunoassay.The result does not distinguish between the detection of HIV p24 antigen,HIV-1 antibody,or HIV-2 antibody reactivity.Since the combo can detect the anti-HIV p24 antigen in the reagent ,thereby decreasing the seroconversion window and improving early detection of HIV infection. 2. A repeatedly reactive specimen should be investigated further with sensitive,supplemental HIV-specific tests,such as immunoblots,antigen tests,and HIV nucleic acid tests.HIV Ag/Ab combo and supplemental assay results should be interpreted in conjunction with the patients clinical presentation,history and other laboratory results. 3. Specimens which are repeatedly reactive on a fourth generation screening procedure but which test negative on the second step assay may either have a false positive result or be positive for p24 antigen only.The new algorithm is that the specimen is subjected to further qualitative RNA molecular assay.

REFERENCE:

- 1) Manual of Laboratory and Diagnostics -Frances Fischbach Marshall B. Dunning III [9th Edition]
- 2) Tietz clinical guide to Laboratory tests(Fourth edition) ALAN H.B.WU
- 3)Clinical microbiology procedures 4th edition AMY L LEBER

- END OF REPORT -

"QLabs compliance with ISO 15189:2022 standards"

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