

Report Information

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Organization:	Muaina Diagnostic Lab
Classification:	CRITICAL
Review Status:	adjustment_required

AI Analysis Summary

HIV Ag/Ab1&2 test shows reactive result requiring immediate confirmatory testing. HCV and HBsAg tests are non-reactive.

This serology panel shows a reactive HIV Ag/Ab1&2 result with a value of 1.91, which exceeds the reactive threshold of >1.50. The laboratory has appropriately recommended confirmatory testing with Western Blot or PCR to verify this preliminary positive result, as initial screening tests can occasionally produce false positives. The Hepatitis C (Anti HCV) and Hepatitis B surface antigen (HBsAg) tests are both non-reactive, indicating no evidence of these viral infections. The tests were performed using Abbott Architect i2000SR with CMIA technique, which is a standard and reliable methodology. Given the critical nature of a reactive HIV screening test, immediate follow-up with confirmatory testing and specialist consultation is essential for proper diagnosis and management.

Key Findings

[CRITICAL] Serology & Immunology

HIV Ag/Ab1&2 Reactive (1.91) - above reactive threshold of >1.50

[INFO] Serology & Immunology

Anti HCV Non Reactive (0.14) - within normal range

[INFO] Serology & Immunology

HBsAg Non Reactive (0.15) - within normal range

[CRITICAL] Confirmation Required

Western Blot Test/PCR recommended for HIV confirmation as per laboratory protocol

DISCLAIMER: This AI-generated analysis is for informational purposes only and should not replace professional medical advice. Always consult with qualified healthcare providers for diagnosis and treatment decisions.

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Patient-Friendly Interpretation

Medical Condition

Preliminary HIV Positive (Requires Confirmation)

Initial screening test suggests possible HIV infection, but must be confirmed with more specific tests before final diagnosis

Severity: SEVERE | ICD Code: Z11.4

What This Means

Your blood test shows a preliminary positive result for HIV antibodies/antigens, but this requires confirmation with additional specialized tests. Tests for Hepatitis B and C were negative. This is a serious finding that needs immediate medical attention and confirmatory testing.

Important Precautions

- Practice safe sexual behaviors and use barrier protection
- Avoid sharing needles, razors, or other sharp objects
- Inform close contacts and sexual partners about the need for testing
- Do not donate blood, plasma, or organs until confirmed
- Maintain strict confidentiality and seek emotional support

Diet Recommendations

- Maintain a balanced, nutritious diet rich in fruits and vegetables
- Include protein sources like lean meat, fish, eggs, and legumes
- Avoid raw or undercooked foods to prevent infections
- Stay well-hydrated with clean, safe water
- Limit alcohol consumption and avoid recreational drugs
- Consider vitamin and mineral supplements as recommended by doctor

Consultation Information

Follow-up: URGENT - Within 24-48 hours for confirmatory testing

How to Book: Contact infectious disease specialist immediately or visit nearest HIV testing center

Priority: URGENT

Do's and Don'ts

Things to Do:

- ✓ Get confirmatory testing done immediately
- ✓ Seek professional counseling and support
- ✓ Maintain healthy lifestyle with proper nutrition and exercise
- ✓ Take prescribed medications exactly as directed if confirmed positive

- ✓ Keep all medical appointments and follow-up visits
- ✓ Practice safe sex and inform partners

Things to Avoid:

- ✗ Do not panic - modern HIV treatment is very effective
- ✗ Do not delay getting confirmatory testing
- ✗ Do not share personal items like toothbrushes or razors
- ✗ Do not donate blood, plasma, or organs
- ✗ Do not self-medicate or use unproven treatments
- ✗ Do not isolate yourself - seek support from healthcare professionals

Lifestyle Changes

- Regular moderate exercise to boost immune system
- Adequate sleep (7-9 hours nightly) for immune health
- Stress management through meditation, counseling, or support groups
- Avoid smoking and limit alcohol consumption
- Practice good hygiene and infection prevention measures

This interpretation is designed to help you understand your results in simple terms. It is NOT a substitute for professional medical advice. Please discuss these findings with your healthcare provider.

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Recommended Healthcare Providers

Suggested Doctors

Dr. Muhammad Tariq Shah

Infectious Disease Specialist - MBBS, FCPS Internal Medicine, Fellowship in Infectious Diseases

Location: Lahore General Hospital, Lahore

Availability: Mon-Fri 9AM-5PM

Contact: Appointment: +92-321-1234567

Fee: PKR 3000-5000

Dr. Fatima Ahmed

HIV/AIDS Specialist - MBBS, MD Internal Medicine, HIV Care Certification

Location: Aga Khan University Hospital, Karachi

Availability: Tue-Sat 10AM-6PM

Contact: WhatsApp: +92-300-9876543

Fee: PKR 4000-6000

Specialist Consultations Recommended

Infectious Disease Specialist or HIV Specialist (URGENT)

Immediate confirmatory testing and specialist evaluation for reactive HIV screening test

Counselor or Psychologist (SOON)

Emotional support and counseling during testing and potential diagnosis process

The suggested doctors are recommendations based on your medical needs. Availability and fees may vary. Please contact the healthcare provider directly to confirm appointment details.