

Name: Yanxin Lu | DOB: 10/17/1989 | MRN: 202192870 | PCP: Arthur Yang, MD | Legal Name: Yanxin Lu

## HEPATITIS B SURFACE ANTGEN

Collected on Mar 10, 2025 10:20 AM

### Results

#### Hepatitis B Surface Antigen

Normal value: NEG

Value

**NEG**

NOTE: Testing method for Hep B Surface Ag is CMIA performed on the Abbott Alinity.

Authorizing provider: Erica T. Wang, MD

Collection date: Mar 10, 2025 10:20 AM

Specimens: Blood (Blood)

Result date: Mar 10, 2025 10:01 PM

Result status: Final

Resulting lab:

CEDARS-SINAI MED CTR DEPT OF PATHOLOGY & LAB MEDICINE

8700 Beverly Blvd.

Los Angeles CA 90048

Anders H. Berg, M.D.-Ph.D. (Lab director)

05D0541033 (CLIA #)

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## HEPATITIS C ANTIBODY

Collected on Mar 10, 2025 10:20 AM

### Results

#### Hepatitis C Antibody

Normal value: <0.80 S/CO

Value

**0.10**

Results for Anti-HCV are now reported using signal-to-cutoff (S/CO) ratio.

#### INTERPRETATION:

POSITIVE: > or = 1.00

INTERMEDIATE: 0.80 to 0.99

NEGATIVE: 0.00 to 0.79

To reduce the incidence of false positive results, the CDC recommends that all S/CO ratios between 1.00 and 4.99 be confirmed with additional PCR testing.

NOTE: Testing method for Hepatitis C Antibody is CMIA performed on the Abbott Alinity.

Authorizing provider: Erica T. Wang, MD

Collection date: Mar 10, 2025 10:20 AM

Specimens: Blood (Blood)

Result date: Mar 10, 2025 10:04 PM

Result status: Final

Resulting lab:

CEDARS-SINAI MED CTR DEPT OF PATHOLOGY & LAB MEDICINE

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## HIV ANTIGEN/ANTIBODY COMBO TEST

Collected on Mar 10, 2025 10:20 AM

### Results

#### HIV Ag/Ab Combo

Normal value: NEG

Value

**NEG**

Authorizing provider: Erica T. Wang, MD

Collection date: Mar 10, 2025 10:20 AM

Specimens: Blood (Blood)

Result date: Mar 10, 2025 10:04 PM

Result status: Final

Resulting lab:

CEDARS-SINAI MED CTR DEPT OF PATHOLOGY & LAB MEDICINE

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## HTLV-1/HTLV-2 ANTIBODY, REFLEX TO CONFIRM

Collected on Mar 10, 2025 10:20 AM

### Results

#### HTLV I/II Antibody

Normal value: NEGATIVE

Value

**NEGATIVE**

Based on the non-reactive anti-HTLV ELISA screen, the HTLV Western Blot is not indicated and therefore not performed.

INTERPRETIVE INFORMATION: HTLV I/II Antibodies w/Reflex to Confirm

This assay should not be used for blood donor screening, associated re-entry protocols, or for screening Human Cell, Tissues and Cellular and Tissue-Based Products (HCT/P).

Performed By: ARUP Laboratories

500 Chipeta Way

Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

CLIA Number: 46D0523979

Authorizing provider: Erica T. Wang, MD

Collection date: Mar 10, 2025 10:20 AM

Specimens: Blood (Blood)

Result date: Mar 12, 2025 12:00 PM

Result status: Final

Resulting lab:

CEDARS-SINAI MED CTR DEPT OF PATHOLOGY & LAB MEDICINE

8700 Beverly Blvd.

Los Angeles CA 90048

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## TREPONEMA PALLIDUM ANTIBODIES, REFLEX TO CONFIRM

Collected on Mar 10, 2025 10:20 AM

### Results

#### Syphilis, T. Pallidum Interpretation

Normal value: NONREACTIVE

Value

**NONREACTIVE**

Authorizing provider: Erica T. Wang, MD

Collection date: Mar 10, 2025 10:20 AM

Specimens: Blood (Blood)

Result date: Mar 10, 2025 10:02 PM

Result status: Final

Resulting lab:

CEDARS-SINAI MED CTR DEPT OF PATHOLOGY & LAB MEDICINE

8700 Beverly Blvd.

Los Angeles CA 90048

Anders H. Berg, M.D.-Ph.D. (Lab director)

05D0541033 (CLIA #)

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Name: Yanxin Lu | DOB: 10/17/1989 | MRN: 202192870 | PCP: Arthur Yang, MD | Legal Name: Yanxin Lu

# Semen Analysis

Collected on Mar 10, 2025 9:58 AM

## Results

### == Collection Data ==

Value

### Abstinence Period

days

Value

4

### Collection

Value

Masturbation

### Container

Value

Sterile and Non-Toxic

### == Semen Data ==

Value

**Volume**

Normal value: &gt;1.4 mL

Value

**5.6**

Lower Ref Limit = 1.5 (1.4 - 1.7)\*\*

**Viscosity (graded 0-4)**

Normal value: &lt;3

Value

**2****Liquefaction Time**

Normal value: &lt;61 min

Value

**30**

DID NOT COMPLETELY LIQUIFY WITHIN 60 MINUTES

**pH**

Normal value: &gt;7.1

Value

**8.0****Agglutination (graded 1-4)**

Normal value: &lt;1

Value

**<1****Round Cells**

Normal value: &lt;1 x10E6/mL

Value

**<1**

**==Sperm Data==**

Value

**Concentration**

Normal value: &gt;14 x10E6/mL

Value

**18**

Lower Ref Limit = 15 (12 - 16)\*\*

**Total Sperm Count/Ejaculate**

Normal value: &gt;38 x10E6

Value

**101**

Lower Ref Limit = 39 (33 - 46)\*\*

**Total Percent Motility**

Normal value: &gt;39 %

Value

**61**

Lower Ref Limit = 40 (38 - 42)\*\*

**Progressive Motility**

Normal value: &gt;31 %

Value

**56**

Lower Ref Limit = 32 (31 - 34)\*\*

**==Sperm Morphology==**

Value

**STRICT CRITERIA**



**Normal Sperm**

Normal value: &gt;3 %

Value

**2****Low**

Lower Ref Limit = 4% (3% - 4%)\*\*

**Abnormal Sperm**

Normal value: &lt;97 %

Value

**98****High**

Abnormal Acrosomes: 36%  
Elongated/Tapered Head: 1%  
Amorphous Heads: 25%  
Round Heads: 0%  
Microcephalic/Pin Heads: 3%  
Macrocephalic Heads: 8%  
Midpiece Defects: 24%  
Tail Defects: 1%

**==Comment==**

Value

**TERATOSPERMIA****\*\* 95% Confidence Interval**

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Reference values for Sperm Data are per World Health Organization  
(WHO) 5th Ed (2010) Standards.

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Performed by Cedars-Sinai Reproductive and Outpatient Laboratory  
444 South San Vicente Blvd, Los Angeles, CA 90048  
Anders H. Berg, M.D.-Ph.D., Director

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Authorizing provider: Erica T. Wang, MD

Collection date: Mar 10, 2025 9:58 AM

Result date: Mar 11, 2025 1:59 PM

Result status: Final

Resulting lab:

CEDARS-SINAI REPRODUCTIVE AND OUTPATIENT LABORATORY

444 S. San Vicente Blvd.

Los Angeles CA 90048

Anders H. Berg, M.D.-Ph.D. (Lab director)

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