



SRO-OLD REDWOOD  
3925 OLD REDWOOD HWY  
SANTA ROSA CA 95403-  
1719

Hardeman, Edwin  
MRN: [REDACTED] DOB: [REDACTED] Sex: M  
Encounter date: 2/20/2015

Encounter Results

**Encounter Information**

| Date & Time       | Provider            | Department                | Encounter # |
|-------------------|---------------------|---------------------------|-------------|
| 2/20/2015 3:55 PM | LSC3 LAB TECH - SRO | LABORATORY SERVICE CENTER | 870934278   |

**Orders Placed This Encounter**

**Discontinued**

CBC + DIFF (FAC LAB) Ordered On: 02/20/2015

**Completed**

|  |                        |
|--|------------------------|
| HEPATITIS C VIRUS RNA PCR QUANTITATIVE                         | Ordered On: 02/20/2015 |
| AST, SERUM   | Ordered On: 02/20/2015 |
| BILIRUBIN, TOTAL, SERUM  | Ordered On: 02/20/2015 |
| HEPATITIS BE ANTIGEN   | Ordered On: 02/20/2015 |
| LACTATE DEHYDROGENASE  | Ordered On: 02/20/2015 |
| CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED | Ordered On: 02/20/2015 |
| ALBUMIN, SERUM   | Ordered On: 02/20/2015 |
| COMPLETE BLOOD COUNT W DIFF, AUTO                              | Ordered On: 02/20/2015 |
| WBC DIFFERENTIAL, AUTOMATED                                    | Ordered On: 02/20/2015 |

**All Orders and Results**

**HEPATITIS C VIRUS RNA PCR QUANTITATIVE [1252335392]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Completed**  
 Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
 Ordering mode: Standard  
 Class: Outpatient  
 Diagnoses  
 DIFFUSE LARGE B-CELL LYMPHOMA

**HEPATITIS C VIRUS RNA PCR QUANTITATIVE [1252335392]**

Resulted: 02/24/15 1520, Result status: Final result

Order status: Completed Filed on: 07/27/18 1641  
 Resulting lab: TPMG REGIONAL LABORATORY, BERKELEY

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112580 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component  | Value    | Reference Range | Flag | Lab |
|--|----------|-----------------|------|-----|
| HCV RNA INTERPRETATION<br>Comment: HCV RNA Not Detected. | SEE NOTE | —               | —    | 481 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**CBC + DIFF (FAC LAB). [1252335393]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Discontinued**  
 Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
 Ordering mode: Standard  
 Class: Outpatient  
 Diagnoses  
 DIFFUSE LARGE B-CELL LYMPHOMA

**Questionnaire**

| Question | Answer |
|----------|--------|
|----------|--------|

Generated on 10/4/18 8:47 AM

769





SRO-OLD REDWOOD  
 3925 OLD REDWOOD HWY  
 SANTA ROSA CA 95403-  
 1719  
 Encounter Results

Hardeman, Edwin  
 MRN: [REDACTED] DOB: [REDACTED] Sex: M  
 Encounter date: 2/20/2015

**All Orders and Results (continued)**

**CBC + DIFF (FAC LAB). [1252335393] (continued)**

Specify if manual differential is requested PROTOCOL  
 Lab use only. RILIS SUPERGROUP

**AST, SERUM [1252335394]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Completed**  
 Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
 Ordering mode: Standard  
 Class: Outpatient  
 Diagnoses  
 DIFFUSE LARGE B-CELL LYMPHOMA

**AST, SERUM [1252335394]** Resulted: 02/23/15 1736. Result status: Final result  
 Order status: Completed Filed on: 07/27/18 1641  
 Resulting lab: TPMG REGIONAL LABORATORY, MWS

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112579 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component | Value | Reference Range | Flag | Lab |
|-----------|-------|-----------------|------|-----|
| AST       | 25    | 10 - 40 U/L     | —    | 281 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**BILIRUBIN, TOTAL, SERUM [1252335395]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Completed**  
 Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
 Ordering mode: Standard  
 Class: Outpatient  
 Diagnoses  
 DIFFUSE LARGE B-CELL LYMPHOMA

**BILIRUBIN, TOTAL, SERUM [1252335395]** Resulted: 02/23/15 1736. Result status: Final result  
 Order status: Completed Filed on: 07/27/18 1641  
 Resulting lab: TPMG REGIONAL LABORATORY, MWS

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112579 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component        | Value | Reference Range | Flag | Lab |
|------------------|-------|-----------------|------|-----|
| Bilirubin, total | 0.5   | 0.2 - 1.2 mg/dL | —    | 281 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**HEPATITIS BE ANTIGEN [1252335396]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Completed**  
 Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
 Ordering mode: Standard

Generated on 10/4/18 8:47 AM



SRO-OLD REDWOOD  
3925 OLD REDWOOD HWY  
SANTA ROSA CA 95403-  
1719

Hardeman, Edwin  
MRN: [REDACTED] DOB: [REDACTED] Sex: M  
Encounter date: 2/20/2015

Encounter Results

All Orders and Results (continued)

**HEPATITIS BE ANTIGEN [1252335396] (continued)**

Class: Outpatient  
Diagnoses  
DIFFUSE LARGE B-CELL LYMPHOMA

**HEPATITIS BE ANTIGEN [1252335396]**

Resulted: 02/24/15 2157. Result status: Final result

Order status: Completed  
Resulting lab: TPMG REGIONAL LABORATORY, BERKELEY

Filed on: 07/27/18 1641

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112581 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component                       | Value    | Reference Range | Flag | Lab |
|---------------------------------|----------|-----------------|------|-----|
| HEP B LITTLE E VIRUS AG,SER,EIA | NEGATIVE | —               | —    | 481 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**LACTATE DEHYDROGENASE [1252335397]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Completed**  
Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
Ordering mode: Standard  
Class: Outpatient  
Diagnoses  
DIFFUSE LARGE B-CELL LYMPHOMA

**LACTATE DEHYDROGENASE [1252335397]**

Resulted: 02/23/15 1736. Result status: Final result

Order status: Completed  
Resulting lab: TPMG REGIONAL LABORATORY, MWS

Filed on: 07/27/18 1641

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112579 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component | Value | Reference Range | Flag | Lab |
|-----------|-------|-----------------|------|-----|
| LDH       | 171   | <=270 U/L       | —    | 281 |

**Comment:**

This assay is performed at both Regional Laboratory and Facility Laboratories using DIFFERENT methods and DIFFERENT reference ranges. Values for this assay should be interpreted with caution when serially monitoring patients or viewing trended data displays. When performed at TPMG Regional laboratory, MWS, the LD-4 and LD-5 fractions (in liver and skeletal muscle) may be decreased due to refrigeration; this may lower the total LD value.

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED [1252335398]**

Electronically signed by: **Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252** Status: **Completed**  
Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
Ordering mode: Standard  
Class: Outpatient  
Diagnoses  
DIFFUSE LARGE B-CELL LYMPHOMA

**CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED**

Resulted: 02/23/15 1736. Result status: Final result

Generated on 10/4/18 8:47 AM



SRO-OLD REDWOOD  
 3925 OLD REDWOOD HWY  
 SANTA ROSA CA 95403-  
 1719  
 Encounter Results

Hardeman, Edwin  
 MRN: [REDACTED] DOB: [REDACTED], Sex: M  
 Encounter date: 2/20/2015

**All Orders and Results (continued)**

**CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED [1252335398] (continued)**

[1252335398]

Order status: Completed

Filed on: 07/27/18 1641

Resulting lab: TPMG REGIONAL LABORATORY, MWS

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112579 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component                                       | Value    | Reference Range | Flag | Lab |
|---|----------|-----------------|------|-----|
| Creatinine                                      | 0.86     | <=1.34 mg/dL    | —    | 281 |
| Glomerular filtration rate, nonAfrican American | >60      | >=60 mL/min     | —    | 281 |
| GLOMERULAR FILTRATION RATE - AFRICAN AMERICAN   | >60      | >=60 mL/min     | —    | 281 |
| Comment, glomerular filtration rate             | SEE NOTE | —               | —    | 281 |

Comment:

Glomerular Filtration Rate (GFR) estimate is expressed in mL/min/1.73 m2 body surface area. A GFR estimate is validated only for patients greater than or equal to 18 years of age. Since this test is not useful if renal function is changing rapidly, a GFR estimate is not reported for inpatients. Many elderly patients have mildly to moderately reduced GFR. Per K/DOQI Clinical Practice Guidelines on Chronic Kidney Disease: GFR 30 - 59 = Stage 3 CKD GFR 15 - 29 = Stage 4 CKD GFR < 15 = Stage 5 CKD

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**ALBUMIN, SERUM [1252335399]**

Electronically signed by: Ye, Jeffrey Zheng-Sheng (M.D.) on 02/19/15 1252

Status: Completed

Ordering user: Ye, Jeffrey Zheng-Sheng (M.D.) 02/19/15 1252

Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

DIFFUSE LARGE B-CELL LYMPHOMA

**ALBUMIN, SERUM [1252335399]**

Resulted: 02/21/15 0527. Result status: Final result

Order status: Completed

Filed on: 07/27/18 1641

Resulting lab: TPMG REGIONAL LABORATORY, MWS

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112579 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component | Value | Reference Range | Flag | Lab |
|-----------|-------|-----------------|------|-----|
| Albumin   | 4.4   | 3.7 - 5.7 g/dL  | —    | 281 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**COMPLETE BLOOD COUNT W DIFF, AUTO [1252335400]**

Status: Completed

Order placed as a reflex to CBC + DIFF (FAC LAB). [1252335399] ordered on 02/19/15 at 1252

Ordering user: Melton, Dory Jean 02/20/15 1552

Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)

Ordering mode: Standard

Frequency: Routine 02/20/15 1552 -

Class: Outpatient

Diagnoses

DIFFUSE LARGE B-CELL LYMPHOMA

Generated on 10/4/18 8:47 AM



SRO-OLD REDWOOD Hardeman, Edwin  
 3925 OLD REDWOOD HWY MRN: [REDACTED] DOB: [REDACTED] Sex: M  
 SANTA ROSA CA 95403- Encounter date: 2/20/2015  
 1719  
 Encounter Results

**All Orders and Results (continued)**

**COMPLETE BLOOD COUNT W DIFF, AUTO [1252335400] (continued)**

**COMPLETE BLOOD COUNT W DIFF, AUTO [1252335400]** Resulted: 02/20/15 1839. Result status: Final result

Order status: Completed Filed on: 07/27/18 1641  
 Resulting lab: KFH SANTA ROSA LABORATORY Reflex ID: 1252335993

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112578 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component             | Value    | Reference Range  | Flag | Lab |
|-----------------------|----------|------------------|------|-----|
| WBC COUNT             | 7.4      | 3.5 - 12.5 K/uL  | —    | 458 |
| Red blood cells count | 4.56     | 4.10 - 5.70 M/uL | —    | 458 |
| Hgb                   | 14.1     | 13.0 - 17.0 g/dL | —    | 458 |
| Hematocrit            | 40.9     | 39.0 - 51.0 %    | —    | 458 |
| MCV                   | 90       | 80 - 100 fL      | —    | 458 |
| RDW, RBC              | 12.9     | 12.0 - 16.5 %    | —    | 458 |
| Platelets count       | 181      | 140 - 400 K/uL   | —    | 458 |
| Differential panel    | AUTO DIF | —                | —    | 458 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**WBC DIFFERENTIAL, AUTOMATED [1252335401]**

Status: **Completed**

Order placed as a reflex to CBC + DIFF (FAC LAB), [1252335393] ordered on 02/19/15 at 1252  
 Ordering user: Melton, Dory Jean 02/20/15 1552 Authorized by: Ye, Jeffrey Zheng-Sheng (M.D.)  
 Ordering mode: Standard  
 Frequency: Routine 02/20/15 1552 - Class: Outpatient  
 Diagnoses  
 DIFFUSE LARGE B-CELL LYMPHOMA

**WBC DIFFERENTIAL, AUTOMATED [1252335401]** Resulted: 02/20/15 1839. Result status: Final result

Order status: Completed Filed on: 07/27/18 1641  
 Resulting lab: KFH SANTA ROSA LABORATORY Reflex ID: 1252335400

**Specimen Information**

| ID           | Type | Source | Collected By          |
|--------------|------|--------|-----------------------|
| 581505112578 | —    | —      | K693919 02/20/15 1552 |

**Components**

| Component                      | Value | Reference Range | Flag | Lab |
|--------------------------------|-------|-----------------|------|-----|
| Neutrophils %, automated count | 71    | 41 - 79 %       | —    | 458 |
| Lymphocytes %, automated count | 16    | 13 - 44 %       | —    | 458 |
| Monos %, auto                  | 9     | 5 - 14 %        | —    | 458 |
| Eosinophils %, automated count | 3     | 0 - 6 %         | —    | 458 |
| Basophils %, automated count   | 0     | 0 - 2 %         | —    | 458 |
| Neutrophils auto count         | 5.3   | 2.1 - 7.4 K/uL  | —    | 458 |

**Reviewed by**

Ye, Jeffrey Zheng-Sheng (M.D.) on 02/25/15 0836

**Testing Performed By**

| Lab - Abbreviation | Name          | Director       | Address              | Valid Date Range        |
|--------------------|---------------|----------------|----------------------|-------------------------|
| 281 - Unknown      | TPMG REGIONAL | T. Lorey, M.D. | 914 Marina Way South | 12/29/06 0456 - Present |

Generated on 10/4/18 8:47 AM



SRO-OLD REDWOOD  
3925 OLD REDWOOD HWY  
SANTA ROSA CA 95403-  
1719  
Encounter Results

Hardeman, Edwin  
MRN [REDACTED], DOB: [REDACTED], Sex: M  
Encounter date: 2/20/2015

**All Orders and Results (continued)**

**Testing Performed By (continued)**

| Lab - Abbreviation | Name                                     | Director          | Address                                     | Valid Date Range              |
|--------------------|--|-------------------|---|-------------------------------|
|                    | LABORATORY, MWS                          |                   | RICHMOND CA 94804                           |                               |
| 458 - Unknown      | KFH SANTA ROSA<br>LABORATORY             | J.F. Kunkel, M.D. | 401 Bicentennial Way<br>SANTA ROSA CA 95403 | 06/14/11 1635 - 10/11/16 1534 |
| 481 - Unknown      | TPMG REGIONAL<br>LABORATORY,<br>BERKELEY | T. Lorey, M.D.    | 1725 Eastshore Highway<br>BERKELEY CA 94710 | 12/29/06 0457 - Present       |

**End of Encounter**



SRO-MAIN CAMPUS  
401 BICENTENNIAL WAY  
SANTA ROSA CA 95403-  
2149  
Encounter Results

Hardeman, Edwin  
MRN: [REDACTED], DOB: [REDACTED] Sex: M  
Encounter date: 2/23/2015

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**Encounter Information**

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| Date & Time       | Provider                       | Department | Encounter # |
|-------------------|--------------------------------|------------|-------------|
| 2/23/2015 1:30 PM | Ye, Jeffrey Zheng-Sheng (M.D.) | ONCOLOGY   | 870934279   |

**End of Encounter**

UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA

**TRIAL EXHIBIT** 46

Case No. 3:16-cv-0525-VC

Date Entered \_\_\_\_\_

By \_\_\_\_\_  
Deputy Clerk