



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

Hardeman, Edwin
MRN: [REDACTED], DOB: [REDACTED] Sex: M
Encounter date: 7/13/2011

Encounter Results

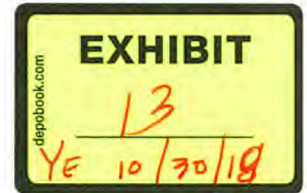
Encounter Information

Date & Time	Provider	Department	Encounter #
7/13/2011 8:35 AM	LSC3 LAB TECH - SRO	LABORATORY SERVICE CENTER	870934588

Orders Placed This Encounter

Completed

SODIUM, SERUM	Ordered On: 07/13/2011
GLUCOSE, FASTING	Ordered On: 07/13/2011
LIPID PANEL	Ordered On: 07/13/2011
POTASSIUM, SERUM	Ordered On: 07/13/2011
CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED	Ordered On: 07/13/2011
ALT, SERUM	Ordered On: 07/13/2011
AST, SERUM	Ordered On: 07/13/2011
ALKALINE PHOSPHATASE	Ordered On: 07/13/2011
BILIRUBIN, TOTAL, SERUM	Ordered On: 07/13/2011
TSH	Ordered On: 07/13/2011
PSA	Ordered On: 07/13/2011
CBC WO DIFF	Ordered On: 07/13/2011
CREATINE KINASE	Ordered On: 07/13/2011
PT	Ordered On: 07/13/2011
ALPHA-1-FETOPROTEIN, SERUM	Ordered On: 07/13/2011
HEPATITIS C RNA, POST TREATMENT, QUAL, TMA	Ordered On: 07/13/2011



All Orders and Results

SODIUM, SERUM [1252335135]

Electronically signed by: **Turk, Carl Roger (M.D.) on 05/20/11 0956** Status: **Completed**
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 HTN (HYPERTENSION)

HTN SODIUM [1252335135] Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
Sodium	142	133 - 145 mEq/L	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

GLUCOSE, FASTING [1252335137]

Electronically signed by: **Turk, Carl Roger (M.D.) on 05/20/11 0956** Status: **Completed**
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 ROUTINE ADULT HEALTH CHECK UP EXAM

Generated on 10/4/18 8:46 AM



SRO-OLD REDWOOD Hardeman, Edwin
 3925 OLD REDWOOD HWY MRN: [REDACTED] DOB: [REDACTED] Sex: M
 SANTA ROSA CA 95403- Encounter date: 7/13/2011
 1719
 Encounter Results

All Orders and Results (continued)

GLUCOSE, FASTING [1252335137] (continued)

Prev GLUCOSE [1252335137] Resulted: 07/13/11 1846. 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
Glucose, fasting	93	60 - 99 mg/dL	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

LIPID PANEL [1252335138]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956 Status: Completed
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 ROUTINE ADULT HEALTH CHECK UP EXAM

Prev LIPID [1252335138] (Abnormal) Resulted: 07/13/11 1846. 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
Cholesterol	179	<239 mg/dL	—	281
Comment:				
Reference Ranges for Cholesterol:	Age Range	Desirable	Borderline High	High
mg/dL	mg/dL	mg/dL	mg/dL	mg/dL
>239	0 - 18 years <170	170 - 199	>199 18 - 150 years	<200 200 - 239
Triglyceride	196	<199 mg/dL	—	281
Comment:				
Reference Ranges for Triglycerides:	Age Range	Desirable	Borderline High	High
mg/dL	mg/dL	mg/dL	mg/dL	mg/dL
>129 18 - 150 years	0 - 10 years <75	75 - 99	>99 10 - 18 years	<90 90 - 129
HDL	38	>40 mg/dL	L	281
Comment:				
Reference Ranges for HDL:	Age Range	Desirable	Borderline Low	Low
mg/dL	mg/dL	mg/dL	mg/dL	mg/dL
0 - 10 years >45	>45	40 - 45	<40 10 - 18 years	>45 35 - 45
(MALE)	>45	40 - 45	<40 18 - 150 years (FEMALE)	>55 45 - 55
>129 18 - 150 years	<150	<110	>110 18 - 150 years	<45
Low density lipoprotein calculated	102	<129 mg/dL	—	281
Comment:				
Reference Ranges for LDL:	Age Range	Desirable	Moderate CHD Risk	High CHD Risk
mg/dL	mg/dL	mg/dL	mg/dL	mg/dL
>159 For patients with CHD or Diabetes, Desirable LDL is <100mg/dL.	0 - 18 years <110	110 - 129	>129 18 - 150 years	<130 130 - 159

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

Generated on 10/4/18 8:46 AM



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 SANTA ROSA CA 95403- Encounter date: 7/13/2011
 1719
 Encounter Results

All Orders and Results (continued)

LIPID PANEL [1252335138] (continued)

POTASSIUM, SERUM [1252335139]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956 Status: **Completed**
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 HTN (HYPERTENSION)

POTASSIUM, SERUM [1252335139] Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
Potassium	4.4	3.5 - 5.3 mEq/L	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED [1252335143]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956 Status: **Completed**
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 HTN (HYPERTENSION)

CREATININE, SERUM, WITH GFR [1252335143] Resulted: 07/13/11 1846, Result status: Edited

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

Specimen Information

ID	Type	Source	Collected By
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
Creatinine	0.89	<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



THE PERMANENTE
MEDICAL GROUP

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Hardeman, Edwin
MRN: [REDACTED], DOB: [REDACTED], Sex: M
Encounter date: 7/13/2011

Encounter Results

All Orders and Results (continued)

CREATININE, SERUM, WITH GLOMERULAR FILTRATION RATE, CALCULATED [1252335143] (continued)

Turk, Carl Roger (M.D.) on 07/16/11 2308

ALT, SERUM [1252335146]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: Completed

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

CHRONIC HEPATITIS C

ALT, SERUM [1252335146]

Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
ALT	22	<36 U/L	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

AST, SERUM [1252335148]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: Completed

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

CHRONIC HEPATITIS C

AST, SERUM [1252335148]

Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
AST	18	10 - 40 U/L	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

ALKALINE PHOSPHATASE [1252335150]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: Completed

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Generated on 10/4/18 8:46 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: 7/13/2011

All Orders and Results (continued)

ALKALINE PHOSPHATASE [1252335150] (continued)

Diagnoses

CHRONIC HEPATITIS C

ALKALINE PHOSPHATASE [1252335150]

Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
ALKALINE PHOSPHATASE	40	37 - 117 U/L	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

BILIRUBIN, TOTAL, SERUM [1252335153]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: Completed

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

CHRONIC HEPATITIS C

BILIRUBIN, TOTAL, SERUM [1252335153]

Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
Bilirubin, total	0.7	0.2 - 1.2 mg/dL	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

TSH [1252335155]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: Completed

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

ROUTINE ADULT HEALTH CHECK UP EXAM

TSH [1252335155]

Resulted: 07/13/11 2159, Result status: Final result

Order status: Completed

Filed on: 07/27/18 1641

Resulting lab: TPMG REGIONAL LABORATORY, MWS

Specimen Information



SRO-OLD REDWOOD Hardeman, Edwin
 3925 OLD REDWOOD HWY MRN: [REDACTED] DOB: [REDACTED], Sex: M
 SANTA ROSA CA 95403- Encounter date: 7/13/2011
 1719
 Encounter Results

All Orders and Results (continued)

TSH [1252335155] (continued)

ID	Type	Source	Collected By
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
TSH	3.01	0.10 - 5.50 uIU/mL	—	281

Comment:
 For patients on thyroid supplementation, consider a goal for TSH of <3.0 uIU/mL.

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

PSA [1252335157]

Electronically signed by: **Turk, Carl Roger (M.D.) on 05/20/11 0956** Status: **Completed**
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 ROUTINE ADULT HEALTH CHECK UP EXAM

PSA [1252335157] Resulted: 07/13/11 2159, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
PSA	0.4	0.0 - 4.5 ng/mL	—	281

Comment:
 Test performed on DPC Immulite 2000. Values obtained with different PSA assays cannot be used interchangeably.

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

CBC WO DIFF [1252335160]

Electronically signed by: **Turk, Carl Roger (M.D.) on 05/20/11 0956** Status: **Completed**
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 CHRONIC HEPATITIS C

CBC W/O DIFF [1252335160] Resulted: 07/13/11 1644, 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
581119400599	—	—	07/13/11 0855

Components



SRO-OLD REDWOOD Hardeman, Edwin
 3925 OLD REDWOOD HWY MRN: [REDACTED], DOB: [REDACTED], Sex: M
 SANTA ROSA CA 95403- Encounter date: 7/13/2011
 1719
 Encounter Results

All Orders and Results (continued)

CBC WO DIFF [1252335160] (continued)

Component	Value	Reference Range	Flag	Lab
WBC COUNT	8.8	3.5 - 12.5 K/uL	—	281
Red blood cells count	4.68	4.10 - 5.70 M/uL	—	281
Hgb	14.6	13.0 - 17.0 g/dL	—	281
Hematocrit	44.2	39.0 - 51.0 %	—	281
MCV	94	80 - 100 fL	—	281
RDW, RBC	14.1	11.9 - 14.3 %	—	281
Platelets count	146	140 - 400 K/uL	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

CREATINE KINASE [1252335162]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956 Status: Completed
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 CHRONIC HEPATITIS C

CREATINE KINASE [1252335162]

Resulted: 07/13/11 1846, 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
581119400598	—	—	07/13/11 0855

Components

Component	Value	Reference Range	Flag	Lab
CK	119	0 - 200 U/L	—	281

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

PT [1252335164]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956 Status: Completed
 Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956 Authorized by: Turk, Carl Roger (M.D.)
 Ordering mode: Standard
 Class: Outpatient
 Diagnoses
 CHRONIC HEPATITIS C

Questionnaire

Question	Answer
Specify current anticoagulation therapy:	NONE

PT [1252335164]

Resulted: 07/13/11 1709, 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
581119400600	—	—	07/13/11 0856



SRO-OLD REDWOOD Hardeman, Edwin
 3925 OLD REDWOOD HWY MRN: [REDACTED], DOB: [REDACTED] Sex: M
 SANTA ROSA CA 95403- Encounter date: 7/13/2011
 1719
 Encounter Results

All Orders and Results (continued)

PT [1252335164] (continued)

Components

Component	Value	Reference Range	Flag	Lab
Anticoagulation therapy	NONE	—	—	281
PT	14.2	11.7 - 14.3 Sec	—	281
PT INR	1.1	Ratio	—	281

Comment:

Recommended Range: 2.0-3.0 for most medical and surgical thromboembolic states. 2.5-3.5 for artificial heart valves and recurrent embolism.

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

ALPHA-1-FETOPROTEIN, SERUM [1252335165]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: **Completed**

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

CHRONIC HEPATITIS C

ALPHA-1-FETOPROTEIN, SERUM [1252335165]

Resulted: 07/14/11 1103, 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
581119400601	—	—	07/13/11 0856

Components

Component	Value	Reference Range	Flag	Lab
ALPHA 1 FETOPROTEIN	2.6	0.0 - 15.0 ng/mL	—	281

Comment:

Test performed on Abbott AxSYM Plus. Values obtained with different AFP assays cannot be used interchangeably.

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

HEPATITIS C RNA, POST TREATMENT, QUAL, TMA [1252335169]

Electronically signed by: Turk, Carl Roger (M.D.) on 05/20/11 0956

Status: **Completed**

Ordering user: Turk, Carl Roger (M.D.) 05/20/11 0956

Authorized by: Turk, Carl Roger (M.D.)

Ordering mode: Standard

Class: Outpatient

Diagnoses

CHRONIC HEPATITIS C

HEPATITIS C RNA, POST TREATMENT, QUAL, TMA [1252335169]

Resulted: 07/15/11 1404, 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
581119400602	—	—	07/13/11 0857

Components



THE PERMANENTE
MEDICAL GROUP

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

Hardeman, Edwin
MRN: [REDACTED] DOB: [REDACTED], Sex: M
Encounter date: 7/13/2011

Encounter Results

All Orders and Results (continued)

HEPATITIS C RNA, POST TREATMENT, QUAL, TMA [1252335169] (continued)

Component	Value	Reference Range	Flag	Lab
Hepatitis C RNA, TMA, qual	NEGATIVE	NEGATIVE	—	481
Interpretation	SEE NOTE	—	—	481
Comment: The test is done by TMA assay. The sensitivity of this assay is 7.5 IU/mL.				

Reviewed by

Turk, Carl Roger (M.D.) on 07/16/11 2308

Testing Performed By

Lab - Abbreviation	Name	Director	Address	Valid Date Range
281 - Unknown	TPMG REGIONAL LABORATORY. MWS	T. Lorey, M.D.	914 Marina Way South RICHMOND CA 94804	12/29/06 0456 - Present
481 - Unknown	TPMG REGIONAL LABORATORY, BERKELEY	T. Lorey, M.D.	1725 Eastshore Highway BERKELEY CA 94710	12/29/06 0457 - Present

End of Encounter

UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF CALIFORNIA

TRIAL EXHIBIT 44

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

Date Entered _____

By _____
Deputy Clerk