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DOCUMENT NUMBER: SCPMG SP - 0001
DOCUMENT TITLE: Research Laboratory Orders
DOCUMENT NOTES:

LOCATION: SCPMG-rel	VERSION: 4
DOC TYPE: Preanalytic	STATUS: Release

EFFECTIVE DATE: 16 Jun 2017	NEXT REVIEW DATE: 23 Mar 2019
RELEASE DATE: 16 Jun 2017	EXPIRATION DATE:

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OWNER: RRL ED Consultant	CHANGE NUMBER: SCPMG-CR-0309

Kaiser Permanente
 Medical Care Program
 California Division – South

SCPMG Laboratory Systems
 SCPMG Preanalytical Processing
 Process

Research Laboratory Orders

Purpose This process provides instructions for the collection, handling, and transport of research laboratory specimens.

Research Laboratory Orders

SCAL Local Research Lab Orders

KPHC Order Display Name	KPHC Order Code
PNL RESEARCH BLOOD DRAW P1.1, (RPGEH)	
• Research Blood Draw P1.1, Serum #1 Tube	243805
• Research Blood Draw P1.1, Serum #2 Tube	243806
• Research Blood Draw P1.1, EDTA Tube	243807
PNL RESEARCH BLOOD DRAW P2.1, (NON-RPGEH)	
• Research Blood Draw P2.1, Serum #1 Tube	243808
• Research Blood Draw P2.1, Serum #2 Tube	243809
• Research Blood Draw P2.1, Serum #3 Tube	243810
• Research Blood Draw P2.1, EDTA #1 Tube	243811
• Research Blood Draw P2.1, EDTA #2 Tube	243812
Research Urine Collection P3.1	243813
Research Urine Collection P4.1	243814

KP National Research Biobank

KPHC Order Display Name	KPHC Order Code
PNL RESEARCH DRAW P1.6 AMB SCAL	
• Research Blood Draw P1.6, EDTA	246266
• Research Blood Draw P1.6, SST #1	246267
• Research Blood Draw P1.6, SST #2	246268
PNL RESEARCH DRAW P2.3, 1ST PRENATAL DRAW AMB SCAL	
• Research Blood Draw P2.3, EDTA	246270
• Research Blood Draw P2.3, SST #1	246271
• Research Blood Draw P2.3, SST #2	246272
PNL RESEARCH DRAW P2.4, 2ND PRENATAL DRAW AMB SCAL	
• Research Blood Draw P2.4, EDTA	246286
• Research Blood Draw P2.4, SST #1	246287
• Research Blood Draw P2.4, SST #2	246288
Research Urine Collection 1	243075

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Research Laboratory Orders, continued

Scope This procedure is intended for all users

Policy

- Research laboratory specimens must be logged in, tracked, and transferred per current SOPs:
 - LIS.SCPMG.003 – Logging-In Specimen in Cerner
 - LIS.SCPMG.004 – Transferring/Tracking Specimens

Specimen sources

- Serum (GLD6)
- EDTA (5 mL)
- Urine

Specimen Collection and Handling (SCAL Local Research Lab Orders)

KPHC Order Display Name	Cerner Orderable Description	Cerner Label Order	Specimen Collection and Handling
RESEARCH BLOOD DRAW P1.1, SERUM #1 TUBE	Research Blood P1.1 Serum 1	RBP11 SER1	1. Draw a total of 2 tubes. One 6 mL serum tube for <u>each</u> of the 2 KPHC orders (RP1S1 & RP1S2) 2. Allow blood in serum tube to clot for 10 minutes at room temperature 3. Centrifuge serum tubes at 1000-1100 x g for 10 minutes
RESEARCH BLOOD DRAW P1.1, SERUM #2 TUBE	Research Blood P1.1 Serum 2	RBP11 SER2	
RESEARCH BLOOD DRAW P1.1, EDTA TUBE	Research Blood P1.1 EDTA	RBP11 EDTA	1. Draw one 5 mL EDTA tube (RP1P)
RESEARCH BLOOD DRAW P2.1, SERUM #1 TUBE	Research Blood P2.1 Serum 1	RBP21 SER1	1. Draw a total of 3 tubes. One 6mL serum tube for <u>each</u> of the 3 KPHC orders (RP2S1, RP2S2, and RP2S3) 2. Allow blood in serum tube to clot for 10 minutes at room temperature 3. Centrifuge serum tubes at 1000-1100 x g for 10 minutes
RESEARCH BLOOD DRAW P2.1, SERUM #2 TUBE	Research Blood P2.1 Serum 2	RBP21 SER2	
RESEARCH BLOOD DRAW P2.1, SERUM #3 TUBE	Research Blood P2.1 Serum 3	RBP21 SER3	
RESEARCH BLOOD DRAW P2.1, EDTA #1 TUBE	Research Blood P2.1 EDTA 1	RBP21EDTA1	1. Draw a total of 2 tubes. One 5 mL EDTA tube for <u>each</u> of the 2 KPHC orders (RP2P1 & RP2P2)
RESEARCH BLOOD DRAW P2.1, EDTA #2 TUBE	Research Blood P2.1 EDTA 2	RBP21EDTA2	
RESEARCH URINE COLLECTION P3.1	Research Urine Collection P3.1	RURColl31	1. Collect random urine (no wipe) in sterile capped container 2. Transfer 10 mL into 16x100 mm yellow push cap urinalysis tube (UR10)
RESEARCH URINE COLLECTION P4.1	Research Urine Collection P4.1	RURColl41	1. Collect random urine (no wipe) in sterile capped container 2. Send entire container to the SCPMG Regional Reference Laboratories

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Research Laboratory Orders, Continued**Specimen
Collection
and
Handling
(KP
National
Research
Biobank
orders)**

KPHC Order Display Name	Cerner Orderable Description	Cerner Label Order	Specimen Collection and Handling
RESEARCH BLOOD DRAW P1.6, EDTA	Research Blood P1.6 EDTA	RBP16 EDTA	1. Draw one 5 mL EDTA tube (RBP16 EDTA).
RESEARCH BLOOD DRAW P1.6, SST #1	Research Blood P1.6 SST1	RBP16 SST1	1. Draw a total of 2 tubes. One 6 mL serum tube for <u>each</u> of the 2 KPHC orders (RBP16 SST1 & RBP16 SST2). 2. Allow blood in serum tube to clot for 10 minutes at room temperature 3. Centrifuge serum tubes at 1000-1100 x g for 10 minutes
RESEARCH BLOOD DRAW P1.6, SST #2	Research Blood P1.6 SST2	RBP16 SST2	
RESEARCH BLOOD DRAW P2.3, EDTA	Research Blood P2.3 EDTA	RBP23 EDTA	1. Draw one 5 mL EDTA tube (RBP16 EDTA).
RESEARCH BLOOD DRAW P2.3, SST #1	Research Blood P2.3 SST1	RBP23 SST1	1. Draw a total of 2 tubes. One 6 mL serum tube for <u>each</u> of the 2 KPHC orders (RBP23 SST1 & RBP23 SST2). 2. Allow blood in serum tube to clot for 10 minutes at room temperature 3. Centrifuge serum tubes at 1000-1100 x g for 10 minutes
RESEARCH BLOOD DRAW P2.3, SST #2	Research Blood P2.3 SST2	RBP23 SST2	
RESEARCH BLOOD DRAW P2.4, EDTA	Research Blood P2.4 EDTA	RBP24 EDTA	1. Draw one 5 mL EDTA tube (RBP16 EDTA).
RESEARCH BLOOD DRAW P2.4, SST #1	Research Blood P2.4 SST1	RBP24 SST1	1. Draw a total of 2 tubes. One 6 mL serum tube for <u>each</u> of the 2 KPHC orders (RBP24 SST1 & RBP24 SST2). 2. Allow blood in serum tube to clot for 10 minutes at room temperature 3. Centrifuge serum tubes at 1000-1100 x g for 10 minutes
RESEARCH BLOOD DRAW P2.4, SST #2	Research Blood P2.4 SST2	RBP24 SST2	
RESEARCH URINE COLLECTION 1	Research Urine Collection 1	RURColl1	1. Collect random urine (no wipe) in sterile capped container 2. Transfer 10 mL into 16x100 mm yellow push cap urinalysis tube (UR10)

Resulting

All research laboratory orders will auto-complete with a result comment upon received In-Lab at SWL Specimen Processing Department. Depending on the order, it will auto-complete with either comment:

1. Blood drawn for IRB-approved research study with member's consent.

Or

2. Urine collected for IRB-approved research study with member's consent.

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Research Laboratory Orders, Continued

**Specimen
Transport**

- The local medical center laboratory will track and send all research laboratory specimens in the appropriate transport tote and temperature to the Regional SWL Specimen Processing department.
 - Regional SWL Specimen Processing department will process, pack, and transfer all research specimens received from all medical center laboratories to the appropriate storage facility (i.e. KP NCAL Biobank in Berkeley or Regional Research & Evaluation facility at SWL) per its own established processes and policies.
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Author

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Signature Manifest

Document Number: SCPMG SP - 0001

Revision: 4

Title: Research Laboratory Orders

All dates and times are in Pacific Standard Time.

New Lab Director - Preanalytic

Initial Approval

Name/Signature	Title	Date	Meaning/Reason
Janice Wolf (K119893)	Operations Director	17 Mar 2017, 08:37:13 AM	Approved

Final Approval

Name/Signature	Title	Date	Meaning/Reason
David Quam (P092597)	Rgnl Mg Admn-Pmg Executive	23 Mar 2017, 10:13:44 AM	Approved

Set Effective Date

Name/Signature	Title	Date	Meaning/Reason
Rebecca Rosser (K053260)	RRL ED CONSULTANT		
Matthew Jones (F754627)	Systems Consultant	23 Mar 2017, 12:36:19 PM	Approved


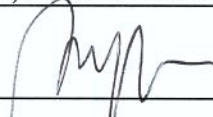
Quick Approval

Approve Now

Name/Signature	Title	Date	Meaning/Reason
System Administrator (SYSADMIN)		16 Jun 2017, 09:56:11 AM	Approved

Research Laboratory Orders

Reviewed and approved by (for Medical Center Area Approval Only):

SIGNATURE	DATE
	5.10.18
Name: <u>Janice M. Wolf</u> Operations Director, Area Laboratory	
	5/10/18
Name: <u>Sony Wirio, MD</u> CLIA Laboratory Director	
