



# KAISER PERMANENTE®

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## 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
<b>PNL RESEARCH BLOOD DRAW P1.1, (RPGEH)</b>	
• 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
<b>PNL RESEARCH BLOOD DRAW P2.1, (NON-RPGEH)</b>	
• 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
<b>PNL RESEARCH DRAW P1.6 AMB SCAL</b>	
• Research Blood Draw P1.6, EDTA	246266
• Research Blood Draw P1.6, SST #1	246267
• Research Blood Draw P1.6, SST #2	246268
<b>PNL RESEARCH DRAW P2.3, 1<sup>st</sup> PRENATAL DRAW AMB SCAL</b>	
• Research Blood Draw P2.3, EDTA	246270
• Research Blood Draw P2.3, SST #1	246271
• Research Blood Draw P2.3, SST #2	246272
<b>PNL RESEARCH DRAW P2.4, 2<sup>ND</sup> PRENATAL DRAW AMB SCAL</b>	
• 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)
- Urine
- EDTA (5 mL)

**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)
RESEARCH BLOOD DRAW P1.1, SERUM #2 TUBE	Research Blood P1.1 Serum 2	RBP11 SER2	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, 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)
RESEARCH BLOOD DRAW P2.1, SERUM #2 TUBE	Research Blood P2.1 Serum 2	RBP21 SER2	2. Allow blood in serum tube to clot for 10 minutes at room temperature
RESEARCH BLOOD DRAW P2.1, SERUM #3 TUBE	Research Blood P2.1 Serum 3	RBP21 SER3	3. Centrifuge serum tubes at 1000-1100 x g for 10 minutes
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

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**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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## Signature Manifest

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**Review: SBMC-PPP-0029 04 Research Laboratory Orders**

### Review

Name/Signature	Title	Date	Meaning/Reason
Qiyamaa Portillo (K237031)	Assistant Director Operations	20 Mar 2020, 10:55:01 AM	Reviewed
Janice Wolf (K119893)	Director Operations Area Lab	03 Apr 2020, 12:15:48 PM	Reviewed