

# DLO Blood Collection Chart



DIAGNOSTIC  
LABORATORY  
OF OKLAHOMA

This chart lists the test code, test name and collection container of the commonly-ordered tests found on the standard DLO lab requisition form. Please note that some tests have special instructions. If you are collecting for a test not mentioned on this chart, please refer to the Virtual Test Guide and/or the Directory of Services, both of which are located on [dloblab.com](http://dloblab.com).

TEST CODE	TEST NAME	CONTAINER
<b>Organ / Disease Panels</b>		
34392	Electrolyte Panel (Na, K, Cl, CO2)	Red / Gray
10256	Hepatic Function Panel (Alb, TBili, DBili, AP, AST, ALT, TP, GLOB)	Red / Gray
10165	Basic Metabolic Panel w/ eGFR(BUN/CREAT)	Red / Gray
10231	Comp Metabolic Panel w/ eGFR (B/C, GLOB, A/G)	Red / Gray
7600	Lipid Panel (Fasting Specimen) (TChol, Trig, HDL, Calc, LDL, CHOL/HDCLC, NON HDL CHOL)	Red / Gray
14852	Lipid Panel w/ reflex LDL (TChol, Chol/ HDLC, Trig, HDL, Calc, LDL or LDL when Trig>400)	Red / Gray
20210	Obstetric Panel w/ reflex (ABO/Rh, Antibody Scr RBC w/ reflex, CBC, RPR (DX) w/ reflex confirm, HbsAg w/ reflex Confirm, Rubella IgG Ab)	Red / Gray & 2 Lavender
10306	Hepatitis Panel, Acute W/Reflex (Hep A IgM, HbsAg w/ reflex confirm, Hep B core Ab (IgM), HCAb w/ reflex to HVC RNA)	Red / Gray
<b>Hematology</b>		
510	Hemoglobin	Lavender
509	Hematocrit	Lavender
1759	CBC (H/H, RBC, Indices, Wbc, Plt, MPV, RDW)	Lavender
6399	CBC W/Diff (H/H, Rbc, Indices, WBC, PLT, DIFF, MPV, RDW)	Lavender
8847	PT with INR	Light Blue
763	PTT, Activated	Light Blue
<b>Other Tests</b>		
7788	ABO Group & Rh Type	Pink
223	Albumin (Alb)	Red / Gray
234	Alkaline Phosphatase (AP)	Red / Gray
823	ALT (SGPT)	Red / Gray
243	Amylase	Red / Gray
38318	ANA w/ reflex Titer	Red / Gray
795	Antibody Scr, Rbc W/Reflex Id	Pink
822	AST (SGOT)	Red / Gray
285*	Bilirubin, Direct (DBili)	Red / Gray
287*	Bilirubin, Total (TBili)	Red / Gray
4420	C-Reactive Protein	Red / Gray
29256	CA 125	Red / Gray
303	Calcium (Ca)	Red / Gray
310	Carbon Dioxide (CO2)	Red / Gray
10124	Cardio CRP	Red / Gray
978*	CEA	Red / Gray
330	Chloride (Cl)	Red / Gray
334	Cholesterol, Total (TChol)	Red / Gray
375	Creatinine (Cr) w/ eGFR	Red / Gray
418	Digoxin	Red
8293	Direct LDL	Red / Gray
457	Ferritin	Red / Gray
466*	Folic Acid	Red / Gray
470	FSH	Red / Gray
<b>TEST CODE TEST NAME CONTAINER</b>		
482	GGT	Red / Gray
8477	Glucose, GEST, Scr	Gray
484	Glucose Plasma	Gray
483	Glucose, Serum (Glu)	Red / Gray
8435	HCG, Serum, Qual	Red / Gray
8396	HCG, Serum, Quant	Red / Gray
608	HDL	Red / Gray
496	Hemoglobin A1c	Lavender
512	Hep A Ab, IgM	Red / Gray
4848	Hep B Core Ab, IgM	Red / Gray
499	Hep B Surface Ab Qual	Red / Gray
498	Hep B Surface Ag W/Reflex Confirm	Red / Gray
8472	Hep C Virus Antibody w/ Reflex RNA, PCR	Red / Gray
91431	HIV 1/2 Ag/Ab 4 <sup>th</sup> Gen	Red / Gray
7573	Iron (Tot), IBC % Sat	Red / Gray
571	Iron, Total	Red / Gray
593	LDH	Red / Gray
599	Lead (B)	Tan
615	LH	Red / Gray
613	Lithium	Red
622	Magnesium	Red / Gray
713	Phenytoin	Red
718	Phosphorus	Red / Gray
733	Potassium (K+)	Red / Gray
745	Progesterone	Red / Gray
746	Prolactin	Red / Gray
754	Protein, Total (TP)	Red / Gray
5363	PSA, Total	Red / Gray
4418	Rheumatoid Factor	Red / Gray
799	RPR (Monitoring) w/ reflex Titer	Red / Gray
36126	RPR (Dx) w/ reflex Confirm FTA	Red / Gray
802	Rubella IGG AB	Red / Gray
809	Sed Rate By Mod West	Lavender
836	Sodium (Na)	Red / Gray
873	Testosterone Total Male (Adult) Immunoassay	Red
15983	Testosterone Total Women / Pediatrics	Red
896	Triglycerides (Trig)	Red / Gray
899	TSH	Red / Gray
36127	TSH w/ reflex T-4, Free	Red / Gray
859	T-3, Total	Red / Gray
861	T-3 Uptake	Red / Gray
867	T-4 (Thyroxine), Total	Red / Gray
866	T-4 (Thyroxine), Free	Red / Gray
294	Urea Nitrogen (Bun)	Red / Gray
905	Uric Acid	Red / Gray
916	Valproic Acid	Red
7065*	Vitamin B12 / Folic Acid	Red / Gray
927	Vitamin B12	Red / Gray
17306	Vitamin D, 25-OH, Total, Immunoassay	Red or Red / Gray

\*Refrigerated Specimen

Information is subject to change without notice.

For more details, please visit [dloblab.com/vtg](http://dloblab.com/vtg) or call 800.891.2917, option 2.

# Proper Phlebotomy Techniques

This chart shows the various tube tops used during the collection of DLO lab specimens, including the additive, number of inversions and order of draw.

**Order of Draw and Number of Inversions are for specimens drawn in plastic tubes only.**

COLLECT IN THIS ORDER

**Stopper**



Blood Cultures



Light Blue



Red / Gray



Red



Green or Tan



Lavender or Tan



Royal Blue



Gray

**Tubes with other additives**



Pink

Last tube drawn

**Additive**

**Inversions**

8-10

Citrate

3-4

**Tube must be filled completely.** Note: When using a winged blood collection set for venipuncture and a coagulation (citrate) tube is the first specimen to be drawn, a discard tube should be drawn first. The discard tube must be used to fill the blood collection set tubing's "dead space" with blood, but the discard tube does not need to be completely filled. This important step will ensure maintenance of the proper blood-to-additive ratio of the blood specimen.

Gel, serum

5



Do not use gel tubes for toxicology or drug testing

No gel, Serum

5



Please visit DLO's Virtual Test Guide for instructions on proper collection and specimen processing procedure for Microtainers™.

Heparin

8

EDTA

8



EDTA

8

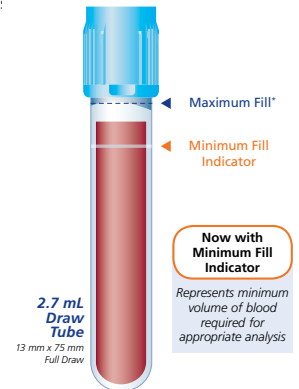
Sodium Fluoride  
(Glucose)

8

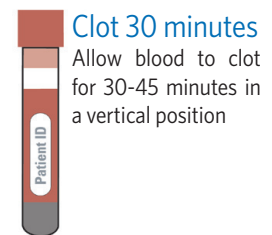
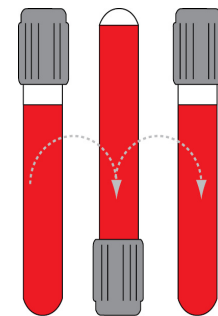
**BD Vacutainer® Plus Plastic Citrate Tube Draw Volume Guide**

Sufficient volume achieved if blood drawn falls above minimum fill indicator. For blood transfer, do not fill above illustrated dashed maximum line.

Note: The quantity of blood drawn into evacuated tubes varies with altitude, ambient temperature, barometric pressure, tube age, venou:

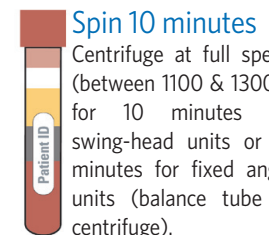


\* According to CLSI guideline, Dec. 2003, Doc. H1-A5, Vol. 23, No. 33.



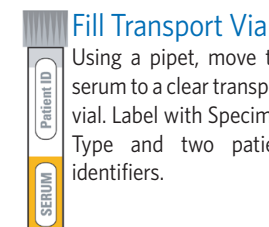
**Clot 30 minutes**

Allow blood to clot for 30-45 minutes in a vertical position



**Spin 10 minutes**

Centrifuge at full speed (between 1100 & 1300g) for 10 minutes for swing-head units or 15 minutes for fixed angle units (balance tube in centrifuge).



**Fill Transport Vial**

Using a pipet, move the serum to a clear transport vial. Label with Specimen Type and two patient identifiers.

**Please properly fill and separate all specimens.**

The information on this chart is valid as of April 10, 2023 and is subject to change without notice.

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