

This chart provides the test code, test name, transport medium, and transport temperature for commonly ordered microbiology tests, along with images of the available transport devices.

Before collecting a specimen, **please verify the expiration date on the collection medium**. Expired swabs or containers may result in specimen rejection.

All specimens must be clearly labeled with the patient's full name, date of collection, and the initials of the individual collecting the specimen.



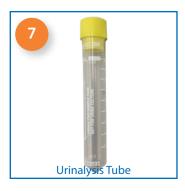






























For test not listed on this chart, please refer to the **Virtual Test Guide** or the **Quest Test Directory**, both accessible at **www.dlolab.com**.

The information on this chart is valid as of October 2025 and is subject to change without notice.

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DLO Microbiology Collection Chart

TEST CODE	TEST NAME	COLLECTION DEVICE(S)	TEMPERATURE
	Cultures		
4550	Aerobic (Swab, Tissue)	1 or 2 or 3 or 16	Room Temp
4550	Aerobic (Body Fluid)	N/A Refer to Test Guide or call Customer Service	Room Temp
4469	Anaerobic (Swab, Tissue)	1 or 16	Room Temp
4469	Anaerobic (Body Fluid)	N/A Refer to Test Guide or call Customer Service	Room Temp
4446 <mark>*</mark> 4446	Anaerobic And Aerobic (Swab, Tissue) Anaerobic And Aerobic (Body Fluid)	N/A Refer to Test Guide or call Customer Service	Room Temp Room Temp
389	Blood (Adult)	13	Room Temp
389	Blood (Pediatric)	14	Room Temp
16302	Campylobacter	10	Room Temp
388 <mark>**</mark>	CSF	N/A Refer to Test Guide or call Customer Service	Room Temp
4477	Ear, External (Swab)	1 or 2 or 3 or 16	Room Temp
8631 4480	E. Coli 0157 Eye (Swab)	1) or 2 or 3 or 6	Room Temp
4606	Fungus (Blood)	and Refer to Test Guide or call Customer Service	Room Temp Room Temp
4553	Fungus; Not Skin, Hair Or Nail (Swab)	or 2 or 3	Room Temp
4553	Fungus; Not Skin, Hair Or Nail (Tissue, Biopsy, Body Fluid)	2 or 3 or 3 or 10 or 15	Refrigerate
4605	Fungus; Skin, Hair, Or Nail Only	8 or 0	Room Temp
4558	Genital	1 or 2 or 3 or 16	Room Temp
90417	MRSA Culture Screen (No Sensitivities)	1 or 2 or 3 or 16	Room Temp
17656	MRSA PCR	1 or 2 or 3 or 6	Refrigerate
4554 4554	Mycobacteria (a.k.a Afb)(Swab)*Specimen type is suboptimal* Mycobacteria (a.k.a Afb)(Tissue, Biopsy, Body Fluid, Sputum)	1 or 2 or 6 2 or 3 or 3 or 6 or 5	Refrigerate Refrigerate
10526	Mycobacteria (a.k.a Afb)(fissue, biopsy, body Fluid, sputum) Mycobacteria (a.k.a Afb)(Blood)		Refrigerate
4556	Sputum/Lower Resp (Trac. Asp, Sputum, Bronch)	8	Refrigerate
8801	Staphylococcus Screen With Sensitivity	1 or 2 or 6 or 6	Room Temp
10019	Stool (Salmonella/Shigella Only)	0	Room Temp
32114	Stool (Salmonella/Shigella/Campylobacter/Shiga Toxin w/ reflex To 8631)	0	Room Temp
4485	Strep Group A Culture	1 or 2 or 3 or 6	Room Temp
10553*	Strep Group A, Antigen (Rapid Strep), Child	2 or 16	Room Temp
11479 14541	Strep Group A, Antigen (Rapid Strep), Adult Throat Culture, special with Group A Strep Susceptibility	2 or 16	Room Temp Room Temp
5617	Strep Group B	1 or 2 or 3 or 16	Room Temp
15090	Strep Group B With Sensitivity	1 or 2 or 6 or 6	Room Temp
4479	Surveillance (Environmental) (Swab) (Water)	1 or 3 or 8	Room Temp
17835	Sterilizer Check Culture	N/A Refer to Test Guide or call Customer Service	Room Temp
394 <mark>*</mark>	Throat	1 or 2 or 3 or 6	Room Temp
395	Urine	6 or 8 6 or 8	Room Temp
3021	Urine, Special Stains	6 or 8	Room Temp
4503	Acid Fast Stain Only (Tissue, Fluid)	1 or 8	Refrigerate
497	Gram Stain (Swab, Tissue, Fluid, All Other Specimens)	1 or 2 or 3 or 6 or 3 or 16	Room Temp
497	Gram Stain (Sputum)	8 or 16	Refrigerate
8627	Fungus/KOH, Stain Only (Swab)	1 or 2 or 3 or 6	Room Temp
8627	Fungus/KOH, Stain Only (Tissue, Fluid)	2 or 3 or 10 or 15	Refrigerate Room Temp
3930	Fecal Leukocyte Stain		Room temp
202	Isolated ID & Misce		Da ana Tanan
392 91664	Aerobic Bacterium Id C. Difficile Toxin (Gdh) Screen With Reflex To PCR	N/A Refer to Test Guide or call Customer Service 3 or 0	Room Temp Refrigerate
16377	C. Difficile Toxin B, PCR	8 or 10	Refrigerate
11363	Chlamydia/N. Gonorrhoea MRNA,TMA (Swab)	4 and 5	Room Temp
11293	Fecal Globin, Stool (Medicare)	®	Room Temp
11290	Fecal Globin, Stool	12	Room Temp
8625	Giardia Antigen, EIA	8 or 9 or 11	Room Temp
3950	Parasite ID (Intestine)	8 and Refer to Test Guide or call Customer Service	Room Temp
3946	Parasite ID (External)	8 and Refer to Test Guide or call Customer Service	Room Temp
706 5463	Rotavirus Urinalysis (Complete)	③ or ⑩	Refrigerate Room Temp
3020	Urinalysis (Complete) Urinalysis w/ reflex to Culture	6 and 7	Room Temp
681	Ova And Parasites	9	Room Temp
6653	Ova And Parasites (2 Specimen Collection Vials)	9	Room Temp
6652	Ova And Parasites (3 Specimen Collection Vials)	9	Room Temp
16492	Sureswab® (CT/NG, T Vaginalis)	4	Room Temp
16898	Sureswab® (Bacterial Vaginosis DNA)	4	Room Temp
19550	Sureswah* (Trichomonas)	4 and 5 4 and 5	Room Temp
11363 16491	Sureswab* (CT/NG) Sureswab* (Vaginosis)	4 and 5	Room Temp Room Temp
15509	Sureswab (Vaginosis) Sureswab* (Bacterial Vaginosis)	0	Room Temp
		_	Room Temp

*Collect two (2) Amies Gel Swabs **CSF Collection Tube (included with the lumbar puncture kit) is not provided by DLO.

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Proper Phlebotomy Techniques: This chart displays the most commonly used evacuated blood collection tubes when <u>collecting specimens</u> <u>sent to Diagnostic Laboratory of Oklahoma (DLO)</u>. It includes information on the additives, the required number of inversions, and the order of draw.

Note: The order of draw and the number of inversions apply only to specimens collected in plastic tubes.

SPECIMEN MUST BE COLLECTED IN THE LISTED SEQUENCE TO PREVENT CROSS-CONTAMINATION (top to bottom) TUBE/COLOR **ADDITIVE INVERSIONS VOLUME** Blood Please ensure all tubes are correctly 8-10 8-10mL filled, properly inverted, and labeled. Cultures Clear/White **Important Collection Instructions regarding VOLUME:** The tube must be filled to its designated volume to ensure accurate test results. Note: When using a winged blood collection set (butterfly needle and a coagulation (light blue top/citrate) tube is the first tube to be drawn, a discard tube should be Sodium used first. This discard tube is necessary to fill the tubing's dead space with blood-to-Citrate additive ratio in the citrate tube. The discard tube must be filled with 5mL to 10mL Light Blue For non-serum separator tubes After collection, No Gel, Serum gently invert each 8-10 6mL (Clot Activator) blood tube the required number of times as indicated Red to prevent clotted specimens (CBC) 8.5mL Gel, Serum 8-10 (Clot Activator) 3.5mL For serum separator tubes only Red/Yellow Allow specimen to clot upright for 30 - 45 minutes Lithium Heparin 4.5mL 8-10 Green Centrifuge instructions Swing-head 4mL centrifuge: Spin at full **EDTA** 8-10 speed (1100 - 1300g) 10mL for 10 minutes. Fixed-angle centrifuge: Lavender Spin at full speed (1100-1300g) for 15 minutes. Always ensure tubes are properly balanced (K2) EDTA 8-10 6mL before centrifuge. **Royal Blue** When applicable, use a pipette to transfer the serum 5mL into a clear transport vial. Sodium Fluoride 8-10 Clearly label the vial with (Glucose) 10mL the specimen type and two patient identifiers.

DLO Blood Collection Chart

Specimen Collection Reference Chart: This chart provides the test code, test name, and required collection container for commonly ordered tests listed on the standard DLO laboratory requisition form. Some tests may require special collection or handling instructions.

For tests not included on this chart, please consult the **Virtual Test Guide** or the **Quest Test Directory**, both available at www.dlolab.com

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TEST COI	DE TEST NAME	COLLECTION TUBI
	Organ/Disease Panel	
34392	Electrolyte Panel (Na, K, Cl, CO2)	Red/Yellow
10256	Hepatic Function Panel (Alb, TBili, DBili, IBili, AP, AST, ALT, TP, GLOB)	Red/Yellow
10165	Basic Metabolic Panel w/eGFR (BUN/CREAT) (Na, K, Ca, Cl, CO2, Glu, BUN, Cr)	Red/Yellow
10231	Comp Metabolic Panel w/eGFR (B/C, GLOB, A/G) (Na, K, Ca, Cl, CO2, Glu, BUN, Cr, Ca, TP, Alb TBili, AP, AST, ALT)	Red/Yellow
7600	Lipid Panel (Fasting Specimen) (Chol/HDLC, Non HDL Chol) (TChol, Trig, HDL, Calc, LDL)	Red/Yellow
14852	Lipid Panel w/ reflex DLDL (TChol, Chol/HDLC, Trig, HDL, Calc, LDL or DLDL when Trig>400)	Red/Yellow
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/Yellow & 2 Lavender
10306	Hepatitis Panel, Acute W/Reflex (Hep A IgM, HBsAg w/ reflex confirm, Hep B core Ab (IgM), HCAb w/ reflex to HCV RNA)	Red/Yellow
	Hematology	
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
	Other Tests	
7788	ABO Group & Rh Type	Red
223	Albumin (Alb)	Red/Yellow
234	Alkaline Phosphatase (AP)	Red/Yellow
823	ALT (SGPT)	Red/Yellow
243	Amylase	Red/Yellow
38318	ANA w/ reflex Titer	Red/Yellow
795	Antibody Scr, Rbc W/Reflex Id	Red
822	AST (SGOT)	Red/Yellow
285*	Bilirubin, Direct (DBili)	Red/Yellow
287*	Bilirubin, Total (TBili)	Red/Yellow
4420	C-Reactive Protein	Red/Yellow
29256	CA 125	Red/Yellow
303	Calcium (Ca)	Red/Yellow
310	Carbon Dioxide (CO2)	Red/Yellow
10124	Cardio CRP	Red/Yellow
978*	CEA	Red/Yellow
330	Chloride (CI)	Red/Yellow
334	Cholesterol, Total (TChol)	Red/Yellow
375	Creatinine (Cr) w/ eGFR	Red/Yellow
418	Digoxin	Red
8293	Direct LDL	Red/Yellow
457	Ferritin	Red/Yellow
466*	Folic Acid	Red/Yellow
470	FSH	Red/Yellow
482	GGT	Red/Yellow

TEST CO	DE TEST NAME	COLLECTION TU
	Other Tests	
8477	Glucose, GEST, Scr	Gi
484	Glucose Plasma	Gı
483	Glucose, Serum (Glu)	Red/Yello
8435	HCG, Serum, Qual	Red/Yello
8396	HCG, Serum, Quant	Red/Yello
608	HDL	Red/Yello
496	Hemoglobin A1c	Laveno
512	Hep A Ab, IgM	Red/Yello
4848	Hep B Core Ab, IgM	Red/Yello
499	Hep B Surface Ab Qual	Red/Yello
498	Hep B Surface Ag W/Reflex Confirm	Red/Yello
8472	Hep C Virus Antibody w/ Reflex RNA, PCR	Red/Yello
91431	HIV 1/2 Ag/Ab 4th Gen	Red/Yello
561 *	Insulin	Red/Yello
7573	Iron (Tot), IBC % Sat	Red/Yello
571	Iron, Total	Red/Yello
593	LDH	Red/Yello
599	Lead (B)	Royal Bl
615	LH	Red/Yello
613	Lithium	R
622	Magnesium	Red/Yello
713	Phenytoin	R
718	Phyosphorus	Red/Yello
733	Potassium (K+)	Red/Yello
745	Progesterone	Red/Yello
746	Prolactin	Red/Yello
754	Protein, Total (TP)	Red/Yello
5363	PSA, Total	Red/Yello
4418	Rheumatoid Factor	Red/Yello
799	RPR (Monitoring) w/ reflex Titer	Red/Yello
36126	RPR (Dx) w/ reflex Confirm FTA	Red/Yello
802	Rubella IGG AB	Red/Yello
809	Sed Rate By Mod West	Laveno
873	Testosterone Total Male (Adult) Immunoassy	R
15983	Testosterone Total Women / Pediatrics	R
896	Triglycerides (Trig)	Red/Yello
899	TSH	Red/Yello
36127	TSH w/ reflex T-4, Free	Red/Yello
859	T-3, Total	Red/Yello
861	T-3 Uptake	Red/Yello
867	T-4 (Thyroxine), Total	Red/Yello
866	T-4 (Thyroxine), Free	Red/Yello
294	Urea Nitrogen (Bun)	Red/Yello
905	Uric Acid	Red/Yello
916	Valproic Acid	R
7065*	Vitamin B12 / Folic Acid	Red/Yello
927	Vitamin B12	Red/Yello
17306	Vitamin D, 25-OH, Total, Immunoassay	Red/Yello
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