



BLOOD COLLECTION KIT

SPECIMEN REQUIREMENTS & SHIPPING INSTRUCTIONS

(International)

556 Gibraltar Drive | Milpitas | CA 95035 - 6315 | T: (800) 832-3200 | F: (408) 935-8272 | www.igenex.com

Thank you for choosing IGeneX, Inc. for your testing needs. Now that you have received your test collection kit, consult with your physician to choose the appropriate tests/panels.

Contact Customer Service Team with questions at +1 (650) 424-1191, option 1 or email at customerservice@igenex.com.

DETERMINE THE SPECIMEN REQUIREMENTS

Refer to page 2 and 3 to identify for each test:

- Specimen type and requirements
- Minimum sample volume requirements
- Collection and handling instructions

SPECIMEN COLLECTION & HANDLING

- Most specimens can be collected at any time (*see below in RED for exceptions*)
- Draw sufficient amount of specimen in the appropriate collection tube(s).
- Label tube(s) with patient's last name, first name, collection date, and date of birth. Unlabeled tube(s) will not be accepted.
- Complete "Drawing Laboratory" and "Specimen Information" sections on Test Requisition Form.

Specimen Type	Specimen Collection Tube	Suggested Specimen Collection Instructions
Serum	SST 8.5mL (Serum Separator Tube)	Draw a sufficient amount of blood to yield the necessary serum volume. Allow blood to stand for 15 minutes before centrifuging.
Whole Blood	EDTA 6.0mL (Lavender Top)	Draw a sufficient amount of blood to yield the necessary serum volume. Gently invert tube 8-10 times to mix and ensure adequate anticoagulation of the specimen. DO NOT SHAKE.
Whole Blood	Sodium Heparin 6.0mL (Dark Green Top)	Draw a sufficient amount of blood to yield the necessary serum volume. Gently invert tube 8-10 times to mix and ensure adequate anticoagulation of the specimen. DO NOT SHAKE.

Special Specimen Collection & Handling Instructions for Lyme IGXSpot, Bartonella IGXSpot, CePCR's:

- Specimen is time sensitive and **MUST** be drawn and shipped on the same day, Monday, Tuesday, or Wednesday.
- Ship at room temperature. Specimen must be received within 48 hours of collection.
- **DO NOT** freeze or refrigerate specimen.

COMPLETE REQUIRED FORMS

- Complete and sign "Patient Information" and "Billing Information" sections on Test Requisition Form.
Please note: Incomplete information may result in delay of testing
- For billing information, please visit www.igenex.com/resources or email at billing@igenex.com

PREPARE COLLECTION KIT FOR SHIPPING

1. Ensure that all specimen tube caps are properly tightened to prevent leakage.
2. Place labeled tube(s) in the Biohazard bag and seal.
3. Place Biohazard bag and completed Test Requisition Form along with any additional paperwork inside the specimen kit box.
4. Place specimen kit box inside the UN3373 FedEx Pak. Remove the protective strip and make sure the FedEx Pak is completely sealed.
5. Complete all sections on FedEx International Air Waybill. Be sure to include payment information in "Section 7 – Payment" and sign in "Section 8 – Required Signature on the waybill."
Please note: IGeneX is NOT responsible for international shipping cost. Sender is responsible for shipping cost. It is Sender's responsibility.
6. Retain Sender's Copy of the FedEx International Air Waybill for tracking reference of your package.
7. Upon completion on the FedEx International Air Waybill, insert the following documentation inside of the enclosed FedEx documentation pouch:
 - Completed FedEx International Air Waybill
 - Completed Commercial Invoice
 - CDC Permit*Note: If CDC permit is expired, please contact our Customer Service Team at (650) 424-1191, option 1 or email at customerservice@igenex.com. You may also visit www.igenex.com/resources and download the latest permit.*
8. Take the package to your nearest FedEx location. Visit www.fedex.com for assistance with your shipping needs.

PANELS

PANEL	PANEL DESCRIPTIONS	PREPAY PRICE	TUBE(S)/SPECIMEN REQUIREMENTS
Please Note: S - Lyme and/or TBRF ImmunoBlot Speciation will be included when ordering these Panels. Lyme ImmunoBlots speciation are not yet available for New York residents.			
LPA	Lyme Western Blot IgM & IgG, Lyme PCR: serum & whole blood	\$546.00	1 SST, 1 EDTA
IB1L	S Lyme Screen Immunoassay IgM & IgG, Lyme ImmunoBlot IgM & IgG For NY residents, Screen will be replaced with #183 Lyme Serology IgG/IgM	\$490.50	1 SST
IB2	S Lyme ImmunoBlot IgM & IgG, Lyme PCR: serum & whole blood	\$686.00	1 SST, 1 EDTA
IB3L	S Panel includes: IB2 Panel + Lyme Screen Immunoassay IgM & IgG For NY residents, Screen will be replaced with #183 Lyme Serology IgG/IgM	\$752.50	1 SST, 1 EDTA
*IB4	S Panel includes: IB2 Panel + #300 Lyme IGXSpot	\$892.50	1 SST, 1 EDTA, 1 HEPARIN Heparin Tube: Must be received within 48 hours of collection at RT.
LPCR1	Lyme Multiplex PCR: serum & whole blood	\$371.00	1 SST, 1 EDTA
TBRF1	S TBRF ImmunoBlot IgM & IgG, TBRF PCR serum & whole blood	\$686.00	1 SST, 1 EDTA
TBRF2	TBRF PCR: serum & whole blood	\$371.00	1 SST, 1 EDTA
LTP1L	S Lyme Screen Immunoassay IgM & IgG ImmunoBlot (IgM & IgG): Lyme, TBRF For NY residents, Screen will be replaced with #183 Lyme Serology IgG/IgM	\$895.50	1 SST
LTP2L	S Lyme Screen Immunoassay IgM & IgG ImmunoBlot (IgM & IgG): Lyme, TBRF PCR: Lyme serum & whole blood For NY residents, Screen will be replaced with #183 Lyme Serology IgG/IgM	\$991.25	1 SST, 1 EDTA
LTP3L	S Lyme Screen Immunoassay IgM & IgG ImmunoBlot (IgM & IgG): Lyme, TBRF PCR: Lyme serum & whole blood, TBRF serum & whole blood For NY residents, Screen will be replaced with #183 Lyme Serology IgG/IgM	\$1,335.75	1 SST, 1 EDTA
*TBD4IBL	S IFA (IgM & IgG): HME, HGA, R. rickettsii/typhi IgG Lyme Screen Immunoassay IgM & IgG ImmunoBlot (IgM & IgG): Lyme, TBRF, Babesia, Bartonella	\$1,662.50	1 SST, 1 EDTA
*TBD5IBL	S FISH: Babesia & Bartonella IFA (IgM & IgG): HME, HGA, R. rickettsii/typhi IgG Lyme Screen Immunoassay IgM & IgG ImmunoBlot (IgM & IgG): Lyme, TBRF, Babesia, Bartonella	\$1,970.50	1 SST, 1 EDTA
*TBD6IBL	S FISH: Babesia & Bartonella IFA (IgM & IgG): HME, HGA, R. rickettsii/typhi IgG Lyme Screen Immunoassay IgM & IgG ImmunoBlot (IgM & IgG): Lyme, TBRF, Babesia, Bartonella PCR: Lyme serum & whole blood, TBRF serum & whole blood	\$2,712.50	1 SST, 1 EDTA
TBD8	S FISH: Babesia IFA (IgM & IgG): B. microti, HME, HGA, B. henselae, R. rickettsii/typhi IgG ImmunoBlot (IgM & IgG): Lyme, TBRF ELISA: (IgM & IgG): Lyme Serology	\$1,410.50	1 SST, 1 EDTA
TBD9	S IFA (IgM & IgG): B. microti, HME, HGA, B. henselae, R. rickettsii/typhi IgG ImmunoBlot (IgM & IgG): Lyme, TBRF PCR: Lyme serum & whole blood ELISA: (IgM & IgG): Lyme Serology	\$1,627.50	1 SST, 1 EDTA
TBD10	S FISH: Babesia IFA (IgM & IgG): B. microti, HME, HGA, B. henselae, R. rickettsii/typhi IgG ImmunoBlot (IgM & IgG): Lyme, TBRF PCR: Lyme serum & whole blood, TBRF serum & whole blood PCR - (Whole Blood): Babesia, B. henselae, HME, HGA, Rickettsia Only R. rickettsii will be reported for NY resident for Rickettsia PCR ELISA: (IgM & IgG): Lyme Serology	\$2,957.50	2 SST, 2 EDTA
*TBD11L	S FISH: Babesia & Bartonella IFA (IgM & IgG): HME, HGA, R. rickettsii/typhi IgG Lyme Screen Immunoassay IgM & IgG PCR: Lyme serum & whole blood, TBRF serum & whole blood PCR - Whole Blood: Babesia, Bartonella, HME, HGA, Rickettsia ImmunoBlot (IgM & IgG): Lyme, TBRF, Babesia, Bartonella	\$3,517.50	2 SST, 2 EDTA
CP5	IFA (IgM & IgG): B. microti, HME, HGA, B. henselae, R. rickettsii/typhi IgG FISH: Babesia	\$816.00	1 SST, 1 EDTA
*CP7IB	IFA (IgM & IgG): HME, HGA, R. rickettsii/typhi IgG ImmunoBlot (IgM & IgG): Babesia, Bartonella	\$1,104.00	1 SST, 1 EDTA
*CP8IB	Panel includes: CP7IB Panel + #640 Babesia FISH + #289 Bartonella FISH	\$1,456.00	1 SST, 1 EDTA
*CP9IB	IFA (IgM & IgG): HME, HGA, R. rickettsii/typhi IgG PCR-Whole Blood: Babesia, Bartonella, HME, HGA, Rickettsia FISH: Babesia & Bartonella ImmunoBlot (IgM & IgG): Babesia, Bartonella	\$2,376.00	1 SST, 1 EDTA
CP10	IFA (IgM & IgG): B. microti, HME, HGA, B. henselae, R. rickettsii/typhi IgG PCR - Whole Blood: Babesia, Bartonella, HME, HGA, Rickettsia Only R. rickettsii will be reported for NY resident for Rickettsia PCR FISH: Babesia	\$1,736.00	1 SST, 1 EDTA
CP11	PCR - Whole Blood: Babesia, Bartonella, HME, HGA, Rickettsia Only R. rickettsii will be reported for NY resident for Rickettsia PCR	\$920.00	1 EDTA
BAB1	B. microti IFA IgM & IgG, Babesia PCR, Babesia FISH	\$518.50	1 SST, 1 EDTA
*BAB2B	Babesia Immunoblot IgM & IgG, Babesia PCR, Babesia FISH	\$765.00	1 SST, 1 EDTA
*BART2I	Bartonella IGXSpot, Bartonella ImmunoBlot IgM & IgG	\$633.25	1 SST, 1 HEPARIN Heparin Tube: Must be received within 48 hours of collection at RT.
*BART3I	Panel includes: BART2I Panel + Bartonella PCR, Bartonella FISH	\$1015.75	1 SST, 1 EDTA, 1 HEPARIN Heparin Tube: Must be received within 48 hours of collection at RT.
*BART4I	Bartonella ImmunoBlot IgM & IgG, Bartonella PCR, Bartonella FISH	\$765.00	1 SST, 1 EDTA
EP1	IFA (IgM & IgG): E. chaffeensis (HME), A. phagocytophilum (HGA) PCR - Whole Blood: E. chaffeensis (HME), A. phagocytophilum (HGA)	\$663.00	1 SST, 1 EDTA
RP1	#965 Rickettsia rickettsii/typhi IgG IFA + #998 Rickettsia PCR Only R. rickettsii will be reported for NY resident for Rickettsia PCR	\$331.50	1 SST, 1 EDTA
*CEBOR NEW	Culture + Lyme cePCR + RFB & Bbsl cePCR	\$875.50	1 EDTA
*CEBOI NEW	Culture cePCR: Babesia, Bartonella, Ehrlichia and Anaplasma, Rickettsia	\$1,402.50	1 EDTA
*CETBD NEW	Culture cePCR: Lyme, RFB & Bbsl; Babesia, Bartonella, Ehrlichia and Anaplasma, Rickettsia	\$1,853.00	1 EDTA

*Test/Panels are not yet available for NY Resident

INDIVIDUAL TESTS

TEST CODE	TEST NAME	PREPAY PRICE	TUBE(S)/SPECIMEN REQUIREMENTS
▶ LYME (Borrelia burgdorferi)			
*601	Broad Coverage Lyme Ab Assay	\$195.00	1 SST/ minimum volume 0.5mL serum
*300	Lyme IGXSpot	\$295.00	1 Full Heparin Must be received within 48 hours of collection at RT
325	Lyme ImmunoBlot IgM	\$225.00	1 SST/ minimum volume 0.5mL serum
335	Lyme ImmunoBlot IgG	\$225.00	1 SST/ minimum volume 0.5mL serum
*605	Lyme Screen Immunoassay IgM NEW	\$195.00	1 SST/ minimum volume 0.5mL serum
*606	Lyme Screen Immunoassay IgG NEW	\$195.00	1 SST/ minimum volume 0.5mL serum
183	Lyme Serology IgG/IgM	\$95.00	1 SST/ minimum volume 0.5mL serum
195	Lyme Serology IgM	\$95.00	1 SST/ minimum volume 0.5mL serum
188	Lyme Western Blot IgM	\$125.00	1 SST/ minimum volume 0.5mL serum
189	Lyme Western Blot IgG	\$125.00	1 SST/ minimum volume 0.5mL serum
453	Lyme Multiplex PCR – Serum	\$265.00	1 SST/ minimum volume 2mL serum
456	Lyme Multiplex PCR – Whole Blood	\$265.00	1 Full EDTA
*1100C	Lyme cePCR (Culture enhanced) NEW	\$765.00	1 Full EDTA Must be received within 48 hours of collection at RT
▶ TICK BORNE RELAPSING FEVER (TBRF) - Borrelia			
*602	Broad Coverage TBRF Borrelia Ab Assay	\$195.00	1 SST/ minimum volume 0.5mL serum
345	TBRF ImmunoBlot IgM	\$225.00	1 SST/ minimum volume 0.5mL serum
355	TBRF ImmunoBlot IgG	\$225.00	1 SST/ minimum volume 0.5mL serum
556	TBRF PCR – Whole Blood	\$265.00	1 Full EDTA
573	TBRF PCR – Serum	\$265.00	1 SST/ minimum volume 2mL serum
*1200C	RFB & Bbsl cePCR (Culture enhanced) NEW	\$765.00	1 Full EDTA Must be received within 48 hours of collection at RT
▶ BABESIOSIS			
200	B. microti IgM & IgG IFA	\$160.00	1 SST/ minimum volume 0.5mL serum
*720	B. duncani IgM & IgG IFA	\$160.00	1 SST/ minimum volume 0.5mL serum
*900	Babesia ImmunoBlot IgM	\$225.00	1 SST/ minimum volume 0.5mL serum
*905	Babesia ImmunoBlot IgG	\$225.00	1 SST/ minimum volume 0.5mL serum
640	Babesia FISH	\$220.00	1 Full EDTA – Do Not Freeze
663	Babesia PCR – Whole Blood	\$230.00	1 Full EDTA
*1300C	Babesia cePCR (Culture enhanced) NEW	\$730.00	1 Full EDTA Must be received within 48 hours of collection at RT
▶ BARTONELLOSIS			
*350	Bartonella IGXSpot	\$295.00	1 Full Heparin Must be received within 48 hours of collection at RT
*374	Bartonella Immunoblot IgM (report 5 species)	\$225.00	1 SST/ minimum volume 0.5mL serum
*384	Bartonella Immunoblot IgG (report 5 species)	\$225.00	1 SST/ minimum volume 0.5mL serum
285	B. henselae IgM & IgG IFA	\$160.00	1 SST/ minimum volume 0.5mL serum
*289	Bartonella FISH	\$220.00	1 Full EDTA – Do Not Freeze
280	Bartonella PCR	\$230.00	1 Full EDTA
*1400C	Bartonella cePCR R (Culture enhanced) NEW	\$730.00	1 Full EDTA Must be received within 48 hours of collection at RT
▶ EHRLICHIOSIS			
203	HME (Ehrlichia chaffeensis) IgM & IgG IFA	\$160.00	1 SST/ minimum volume 0.5mL serum
750	HME (Ehrlichia chaffeensis) PCR – Serum	\$230.00	1 SST/ minimum volume 2mL serum
770	HME (Ehrlichia chaffeensis) PCR – Whole Blood	\$230.00	1 Full EDTA
206	HGA (Anaplasma phagocytophilum) IgM & IgG IFA	\$160.00	1 SST/ minimum volume 0.5mL serum
755	HGA (Anaplasma phagocytophilum) PCR – Serum	\$230.00	1 SST/ minimum volume 2mL serum
775	HGA (Anaplasma phagocytophilum) PCR – Whole Blood	\$230.00	1 Full EDTA
*1500C	Ehrlichia and Anaplasma cePCR (Culture enhanced) NEW	\$960.00	1 Full EDTA Must be received within 48 hours of collection at RT
▶ RICKETTSIOSIS			
965	R. rickettsii & R. typhi IgG IFA	\$160.00	1 SST/ minimum volume 0.5mL serum
998	Rickettsia PCR Panel – Whole Blood	\$230.00	1 Full EDTA
*1600C	Rickettsia cePCR (Culture enhanced) NEW	\$730.00	1 Full EDTA Must be received within 48 hours of collection at RT