

**City and County of San Francisco
Office of Contract Administration
Purchasing Division**

Second Amendment

THIS **SECOND** AMENDMENT (“Amendment”) is made as of **March 1, 2026**, in San Francisco, California, by and between Vitalant (“Contractor”), and the City and County of San Francisco, a municipal corporation (“City”), acting by and through its Director of the Office of Contract Administration.

Recitals

WHEREAS, City and Contractor have entered into the Agreement (as defined below); and

WHEREAS, City and Contractor desire to modify the Agreement on the terms and conditions set forth herein to update the pricing, increase the contract value, extend the contract performance period, and update the standard contractual clauses; and

WHEREAS, Contractor was selected pursuant to San Francisco Administrative Code Section 21.5(b), OCAWVR0012534 granted by the Office of Contract Administration, and this Amendment is consistent with that waiver; and

WHEREAS, this is a contract for Goods and related Services and the Local Business Enterprise (“LBE”) subcontracting participation requirement for the Services has been waived pursuant to waiver CMD14B0005298, and this Amendment is consistent with that waiver; and

WHEREAS, this Amendment is consistent with an approval obtained on December 1, 2025 from the Civil Service Commission under PSC number DHRPSC0005842 in the amount of Five Hundred and Sixty-Four Thousand Dollars (“\$564,000”) for the period commencing March 1, 2026 and ending September 30, 2031; and

WHEREAS, the City’s Budget and Finance Committee approved this Agreement by [insert resolution number] on February 11, 2026 in the amount of Twenty-Eight Million, Two Hundred Forty-Nine Thousand dollars (\$28,249,000) for the period commencing October 1, 2021 and ending September 30, 2031; and

WHEREAS, the Department has filed Ethics Form 126f4 (Notification of Contract Approval) because this Agreement has a value of \$100,000 or more in a fiscal year and will require the approval of the Board of Supervisors; and

WHEREAS, the City’s Board of Supervisors approved this Agreement by [insert resolution number] on February 24, 2026 in the amount of Twenty-Eight Million, Two Hundred Forty-Nine Thousand dollars (\$28,249,000) for the period commencing October 1, 2021 and ending September 30, 2031; and

WHEREAS, Contractor represents and warrants that it is qualified to deliver the goods required by City as set forth under this Agreement.

NOW, THEREFORE, Contractor and the City agree as follows:

Article 1 Definitions

The following definitions shall apply to this Amendment:

1.1 **Agreement.** The term “Agreement” shall mean the Agreement dated October 1, 2021, between Contractor and City, as amended by the:

First Amendment, dated October 1, 2024.

1.2 **Other Terms.** Terms used and not defined in this Amendment shall have the meanings assigned to such terms in the Agreement.

Article 2 Modifications of Scope to the Agreement

The Agreement is hereby modified as follows:

2.1 **Term. Article 2 Term of the Agreement** currently reads as follows:

2.1 Term. The term of this Agreement shall be five years, commencing on October 1, 2021 and expiring on September 30, 2026 (the “Initial Term”), unless earlier terminated as otherwise provided herein.

Such section is hereby amended in its entirety to read as follows:

2.1 Term. The term of this Agreement shall be ten years, commencing on October 1, 2021 and expiring on September 30, 2031, unless earlier terminated as otherwise provided herein.

2.2 **Calculation of Charges. Section 3.3.1 Calculation of Charges** currently reads as follows:

3.3.1 Calculation of Charges. Contractor shall provide an invoice to the City on a monthly basis for goods delivered and/or Services completed in the immediate preceding month, unless a different schedule is set out in Appendix B, “Blood Fee Schedule” or Exhibits thereto. Compensation shall be made for goods identified in the invoice that the City, in his or her sole discretion, reasonably concludes has been satisfactorily performed. In no event shall the amount of this Agreement exceed **NINE MILLION NINE HUNDRED NINETY THOUSAND DOLLARS (\$9,990,000)**. The breakdown of charges associated with this Agreement appears in Appendix B, “Blood Service Fee Schedule” and Exhibits thereto. A portion of payment may be withheld until conclusion of the Agreement if agreed to by both Parties as retainage, described in Appendix B. In no event shall City be liable for interest or late charges for any late payments, with the exception of interest applicable to any judgment or liability by City.

Such section is hereby amended in its entirety to read as follows:

3.3.1 Calculation of Charges. Contractor shall provide an invoice to the City on a semi-monthly basis for goods delivered and/or Services completed in the immediate preceding month, unless a different schedule is set out in Appendix B, “Blood Fee Schedule” or Exhibits thereto. Compensation shall be made for goods identified in the invoice that the City, in his or her sole discretion, reasonably concludes has been satisfactorily performed. In no event shall the amount of this Agreement exceed **TWENTY-EIGHT MILLION TWO HUNDRED FORTY-NINE THOUSAND DOLLARS (\$28,249,000)**. The breakdown of charges associated with this Agreement appears in Appendix B, “Blood Service Fee Schedule” and Exhibits thereto. A portion of payment may be withheld until conclusion of the Agreement if agreed to by both Parties as retainage, described in Appendix B. In no event shall City be liable for interest or late

charges for any late payments, with the exception of interest applicable to any judgment or liability by City.

2.3 Termination for Convenience. Section 8.1 Termination for Convenience currently reads as follows:

8.1 Termination for Convenience

8.1.1 City shall have the option, in its sole discretion, to terminate this Agreement, at any time during the term hereof, for convenience and without cause. City shall exercise this option by giving Contractor written notice of termination no less than 120 days prior to termination. The notice shall specify the date on which termination shall become effective. In no event shall City be liable for costs incurred by Contractor or any of its subcontractors after the termination date specified by City.

8.1.2 Contractor shall have the option, in its sole discretion, to terminate this Agreement, at any time during the term hereof, for convenience and without cause. Contractor shall exercise this option by giving City written notice of termination no less than 120 days prior to termination. The notice shall specify the date on which termination shall become effective. In no event shall City be liable for costs incurred by Contractor or any of its subcontractors after the termination date specified by City.

Such section is hereby amended in its entirety to read as follows:

8.1 Termination for Convenience

8.1.1 City shall have the option, in its sole discretion, to terminate this Agreement, at any time during the term hereof, for convenience and without cause. City shall exercise this option by giving Contractor written notice of termination no less than 180 days prior to termination. The notice shall specify the date on which termination shall become effective. In no event shall City be liable for costs incurred by Contractor or any of its subcontractors after the termination date specified by City.

8.1.2 Contractor's Right to Suspend. In the event Contractor determines, acting in its sole discretion, that the City has breached a material term of this Agreement, including non-payment of undisputed amounts, Contractor may temporarily suspend work for a period not to exceed 60 days. Contractor's right to suspend is conditioned on Contractor's agreement actively to assist the City to come back into contract compliance. For non-payment of undisputed amounts, Contractor may suspend work until such time as City makes payment in full of any undisputed amounts after Contractor provides written notice to the City of the non-payment and the City has not cured within 90 days from receipt of Contractor's written notice.

8.1.3 Notwithstanding any provision to the contrary, Contractor shall not suspend, delay, or otherwise withhold performance under this Agreement due to nonpayment by the City if such nonpayment arises from Contractor's failure to comply with applicable City vendor requirements, including but not limited to compliance with equal benefits ordinances, business tax registration, or other administrative or regulatory obligations imposed by the City. The City shall not be deemed in material breach of this Agreement for any failure to make payments resulting from such Contractor noncompliance. Upon Contractor's rectification of the noncompliance and full satisfaction of the applicable City vendor requirements, the City shall promptly remit payment of all undisputed amounts that were previously withheld due to such

noncompliance. In such cases, the City's Department of Public Health shall use its best efforts to assist Contractor in identifying the nature of the noncompliance and advising Contractor on the steps necessary to achieve compliance.

2.4 Termination for Default; Remedies. Section 8.2 Termination for Default; Remedies currently reads as follows:

8.2 Termination for Default; Remedies.

8.2.1 Each of the following shall constitute an immediate event of default ("Event of Default") under this Agreement:

(a) Contractor fails or refuses to perform or observe any term, covenant or condition contained in any of the following Sections of this Agreement:

3.5	Submitting False Claims.	10.10	Alcohol and Drug-Free Workplace
4.6	Assignment	10.13	Working with Minors
Article 5	Insurance and Indemnity	11.10	Compliance with Laws
Article 7	Payment of Taxes	Article 13	Data and Security

(b) Contractor fails or refuses to perform or observe any other term, covenant or condition contained in this Agreement, including any obligation imposed by ordinance or statute and incorporated by reference herein, and such default is not cured within ten (10) days after written notice thereof from City to Contractor.

8.2.2 On and after any event of material default, City shall have the right to exercise its legal and equitable remedies, including, without limitation, the right to terminate this Contract or to seek specific performance of all or any part of this Contract. City shall have the right to offset from any amounts due to Contractor under this Contract all damages, losses, costs or expenses incurred by City as a result of such event of default from Contractor pursuant to the terms of this Contract. All remedies provided for in this Contract may be exercised individually or in combination with any other remedy available hereunder or under applicable laws, rules and regulations. The exercise of any remedy shall not preclude or in any way be deemed to waive any other remedy.

8.2.3 Any notice of default must be sent by registered or other trackable overnight mail to the address set forth in Article 11.

Such section is hereby amended in its entirety to read as follows:

8.2 Termination for Default; Remedies

8.2.1 Each of the following shall constitute an immediate event of default ("Event of Default") under this Agreement:

(a) Contractor fails or refuses to perform or observe any term, covenant or condition contained in any of the following Sections of this Agreement:

3.5	Submitting False Claims.	10.10	Alcohol and Drug-Free Workplace
4.6	Assignment	10.13	Working with Minors
Article 5	Insurance and Indemnity	11.10	Compliance with Laws
Article 7	Payment of Taxes	Article 13	Data and Security

(b) Contractor fails or refuses to perform or observe any other term, covenant or condition contained in this Agreement, including any obligation imposed by ordinance or statute and incorporated by reference herein, and such default is not cured within ten (10) days after written notice thereof from City to Contractor.

(c) City fails or refuses to perform or observe the regulatory requirements in Appendix A, Contractor provides City with written notice of the regulatory requirements at issue, the parties meet and confer regarding the regulatory requirements, and the City's default is not cured within ninety (90) days from the parties' meeting and conferring.

8.2.2 On and after any event of material default, City shall have the right to exercise its legal and equitable remedies, including, without limitation, the right to terminate this Contract or to seek specific performance of all or any part of this Contract. City shall have the right to offset from any amounts due to Contractor under this Contract all damages, losses, costs or expenses incurred by City as a result of such event of default from Contractor pursuant to the terms of this Contract. All remedies provided for in this Contract may be exercised individually or in combination with any other remedy available hereunder or under applicable laws, rules and regulations. The exercise of any remedy shall not preclude or in any way be deemed to waive any other remedy.

8.2.3 Any notice of default must be sent by registered or other trackable overnight mail to the address set forth in Article 11.

2.5 **Assignment. Section 4.6 Assignment** currently reads as follows:

4.6 Assignment. Neither this Agreement nor any duties or obligations hereunder will be effective or accepted by City for assignment or delegation until any such assignment or delegation by Contractor is approved by City by written instrument executed and approved in the same manner as this Agreement. Any purported assignment made in violation of this provision shall be null and void

Such section is hereby amended in its entirety to read as follows:

4.6 Assignment. The Services and Goods to be delivered by Contractor are personal in character. This Agreement may not be directly or indirectly assigned, novated, or otherwise transferred unless first approved by City by written instrument executed and approved in the same manner as this Agreement. Any purported assignment made in violation of this provision shall be null and void.

2.6 **Appendix A** is hereby amended to add **Section 1.6** as follows:

1.6 Contractor shall adhere to the quality measures as more fully described in Appendix A Exhibit 3 of this Agreement. City will review Agreement performance against the quality measures annually. If issues or concerns are identified related to the quality measures, City will discuss any unacceptable results with Contractor to mutually determine if corrective actions are needed.

2.7 **Appendix A** is hereby amended to add **Exhibit 3** Quality Goals and Measures, attached to the Amendment and fully incorporated within the Agreement.

2.8 **Appendix B-2.** Appendix B-1 is hereby replaced in its entirety by Appendix B-2 dated March 1, 2026, attached to this Amendment and fully incorporated within the Agreement. To the extent the Agreement refers to Appendix B or Appendix B-1 in any place, the true meaning shall be Appendix B-2 dated March 1, 2026, which is a correct and updated version.

Article 3 Effective Date

Each of the modifications set forth in Article 2 shall be effective on and after the date of this Amendment.

Article 4 Legal Effect

Except as expressly modified by this Amendment, all of the terms and conditions of the Agreement shall remain unchanged and in full force and effect.

IN WITNESS WHEREOF, Contractor and City have executed this Amendment as of the date first referenced above.

CITY

CONTRACTOR

Recommended by:

Vitalant

Darlene Frohm
Procurement Manager
Office of Contract Administration

Greg Ballish,
VP Client Sales
9305 E. Via de Ventura
Scottsdale, AZ 85258

City Supplier number: 0000024218

Approved as to Form:

David Chiu
City Attorney

By: _____
Valerie J. Lopez
Deputy City Attorney

Approved:

Sailaja Kurella
Director of the Office of Contract Administration,
and Purchaser

By: _____

A, Exhibit 3	Quality Goals and Measures
B-2:	Calculation of Charges

Appendix A, Exhibit 3
Quality Goals and Measures

- (a) Quality Performance Indicators (QPIs). The parties have identified the following QPIs with respect to this Agreement:
- (i) Indicator 1: Contractor will use reasonable efforts to meet or exceed a 95 % fill rate of Red Blood Cells and Platelets.
 - (ii) Indicator 2: Contractor will use reasonable efforts to have STAT blood products packed and shipped within one (1) hour of its receipt of an order 95% of the time.
- (b) Contractor agrees to assist City and cooperate with City leadership with respect to the provision/collection of data necessary for City to track and monitor the identified QPIs.
- (c) Contractor shall provide data relating to the identified QPIs upon City's request.
- (d) In the event that City's expectations for performance of this Agreement would be better monitored by tracking data associated with different QPIs, Contractor shall cooperate with City leadership to implement such amended QPIs. In such event, City agrees to use its best efforts to establish associated process for data collection that will not place undue hardship upon the parties.

Appendix B-2 Calculation of Charges
March 1, 2026

Part 1 Blood Service Fee Schedule

Type	Product/Service Description	Fee Schedule (Eff. 10/1/21)	Fee Schedule (Eff. 10/1/22)	Fee Schedule (Eff. 10/1/23)	Fee Schedule (Eff. 10/1/24)	Fee Schedule (Eff. 10/1/25)	Fee Schedule (Eff. 10/1/26)	Fee Schedule (Eff. 10/1/27)	Fee Schedule (Eff. 10/1/28)	Fee Schedule (Eff. 10/1/29)	Fee Schedule (Eff. 10/1/30)
Whole Blood	Whole Blood	N/A	N/A	N/A	\$600.00	\$618.00	\$670.00	\$687.00	\$704.00	\$732.00	\$761.00
Red Blood Cells	Red Blood Cells Leukocytes Reduced	\$240.00	\$247.00	\$254.00	\$250.00	\$262.00	\$268.50	\$275.00	\$282.00	\$293.00	\$305.00
Red Blood Cells	Red Blood Cells Leukocytes Reduced, Irradiated						\$347.50	\$356.00	\$365.50	\$379.00	\$394.00
Platelet Component	Apheresis Platelets Leukocytes Reduced	\$627.50	N/A	N/A	N/A	N/A	\$782.00	\$802.00	\$822.00	\$854.50	\$889.00
Platelet Component	Apheresis Platelets Leukocytes Reduced, Irradiated		N/A	N/A	N/A	N/A	\$861.00	\$883.00	\$905.50	\$940.50	\$978.00
Platelet Component	Pathogen Reduction Technology ¹ Platelet (PRT)		N/A	N/A	N/A	N/A	\$895.00	\$917.00	\$940.00	\$978.00	\$1,017.00
Platelet Component	Large Volume Delayed Sampling Platelets	\$702.50	\$721.50	\$740.90	\$734.00	\$763.00	\$782.00	\$802.00	\$822.00	\$854.50	\$889.00
Platelet Component	Large Volume Delayed Sampling Platelets, Irradiated						\$861.00	\$883.00	\$905.50	\$940.50	\$978.00
Platelet Component	Cold Storage Platelets	N/A	N/A	N/A	As Invoiced	As Invoiced	As Invoiced	As Invoiced	As Invoiced	As Invoiced	As Invoiced
Plasma Component	Fresh Frozen Plasma/FP24	\$56.75	\$58.75	\$60.51	\$80.00	\$88.00	\$90.00	\$92.00	\$95.00	\$98.50	\$102.50
Plasma Component	Liquid Plasma	N/A	N/A	N/A	\$120.00	\$120.00	\$123.00	\$126.00	\$132.00	\$135.00	\$138.00
Cryo Component	Cryoprecipitate AHF	\$56.75	\$58.75	\$60.51	\$80.00	\$88.00	\$90.00	\$92.00	\$95.00	\$98.50	\$102.50
Cryo Component	Cryoprecipitate AHF Pooled	\$410.00	\$422.00	\$434.66	\$450.00	\$468.00	\$480.00	\$492.00	\$504.00	\$524.00	\$545.00
Modification/Service	CMV Negative (LS845/40M) (formerly CMV Unit Test)	\$40.00	\$40.00	\$40.00	\$42.00	\$44.00	\$50.00	\$52.50	\$55.00	\$58.00	\$60.00
Modification/Service	Irradiation	\$55.00	\$55.00	\$55.00	\$75.00	\$75.00	\$79.00	\$81.00	\$83.50	\$86.00	\$89.00
Modification/Service	STAT ² Order Fee	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$200.00	\$210.00	\$220.50	\$231.00	\$243.00
Modification/Service	ASAP ³ Order Fee	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$105.00	\$110.00	\$115.00	\$121.00	\$127.00
Modification/Service	Add-On Delivery Fee (64M)						\$50.00	\$52.50	\$55.00	\$58.00	\$60.00

NOTE: Item listing represents the most commonly ordered products, modifications and services and is not exhaustive; additional products, modifications, and services may be available and will be charged appropriately when provided. For prices for other products and services, please contact your Regional Account Manager.

¹PRT Platelets (also known as Psoralen-Treated Platelets): This price only applies if VITALANT substitutes a PRT platelet for a standard platelet at VITALANT’s discretion. If the Hospital desires to order PRT platelets on a regular basis, a PRT Addendum must be added to this Agreement and pricing will be provided based on volume commitments.

²STAT: Target processing time is not more than 1 hour from the time an order is received by the blood center to the time it is ready to be shipped from the blood center. Vitalant shall not be responsible for minor delays in delivery time due to traffic, weather, or other logistics beyond its reasonable control.

³ASAP: Target processing time is not more than 4 hours from the time an order is received by the blood center to the time it is ready to be shipped from the blood center.

Appendix B-2 Calculation of Charges
March 1, 2026
Part 2 LABORATORY SERVICES FEE SCHEDULE

On-Call Service Hours: Monday – Friday, 5 PM - 9 AM; Saturday - Sunday, 24 hours; Holidays (New Year’s Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day)

Name	Item Number	Description	Fee (eff. 10/1/21)	Fee (eff. 10/1/24)	Fee (eff. 10/1/25)	Fee (eff. 10/1/26)	Fee (eff. 10/1/27)	Fee (eff. 10/1/28)	Fee (eff. 10/1/29)	Fee (eff. 10/1/30)
ABO Grouping	LS005	ABO Group (serology). ABO forward and/or reverse	\$31.00	\$39.29	\$41.25	\$41.25	\$42.49	\$44.62	\$46.85	\$49.19
ABO Discrepancy	LS010	Initial investigation of ABO blood typing discrepancies. Any additional testing performed is charged separately.	N/A	\$57.15	\$60.01	\$60.01	\$61.81	\$64.90	\$68.15	\$71.55
Rh(D) Typing	LS015	Rh(D) Typing (serology).	\$21.00	\$26.20	\$27.51	\$27.51	\$28.34	\$29.75	\$31.24	\$32.80
Rh Phenotype	LS020	Common Rh Antigen. Phenotyping Excluding Rh(D):C,c,E,e.	\$85.00							
Antigen Typing, Patient, per Antigen	LS025	Antigen typing of patient RBCs (serology), per antigen.	\$72.00	\$71.44	\$75.01	\$75.01	\$77.26	\$81.13	\$85.19	\$89.45
Antigen Typing, Patient, Rare, per Antigen	LS030	Rare antigen typing of patient RBCs (serology). Charged per antigen. Rare antigen examples (not all inclusive): k, Kp ^a , C ^w , Yt ^a , etc.	N/A	\$214.33	\$225.05	\$225.05	\$231.80	\$243.39	\$255.56	\$268.34
Extended Phenotype	LS035	Patient Typing for Common Blood Group Antigens Excluding Rh(D): K, Fya, Fyb, Jka, Jkb, S,s.	\$251.25							
Direct Antiglobulin Test	LS040	DAT test. One charge for each reagent tested.	\$24.00	\$29.77	\$31.26	\$31.26	\$32.20	\$33.81	\$35.50	\$37.28
ABO/Rh	LS050	Includes ABO grouping (forward and reverse) and Rh(D) typing.	N/A	\$65.49	\$68.76	\$68.76		\$74.37	\$78.09	\$81.99
Antibody Screen, each	LS105	Red cell antibody screen/detection, any methodology and or additive.	\$83.75	\$107.16	\$112.52	\$112.52	\$115.89	\$121.69	\$127.77	\$134.16
4C Antibody Screen	LS110	Red cell antibody screen and autocontrol performed at 4C.	N/A	\$107.16	\$112.52	\$112.52	\$115.89	\$121.69	\$127.77	\$134.16
Antibody Identification Panel	LS115	Routine or selected reagent RBC panel.	\$125.45	\$157.17	\$165.03	\$165.03	\$169.98	\$178.48	\$187.40	\$196.77
Antibody Identification Panel, Rare	LS120	Rare, selected reagent RBC panel up to 6 cells, each panel set up.	N/A	\$238.14	\$250.05	\$250.05	\$257.55	\$270.43	\$283.95	\$298.15
Enzyme Panel - Manufactured	LS125	Testing of manufactured enzyme-treated RBC panel.	N/A	\$167.89	\$176.28	\$176.28	\$181.57	\$190.65	\$200.18	\$210.19
Prewarm Setup	LS130	Prewarm setup requires the aliquoting and warming of patient plasma, RBCs, saline, and other reagents to be used in testing.	N/A	\$119.07	\$125.02	\$125.02	\$128.77	\$135.21	\$141.97	\$149.07

Saline Replacement Setup	LS135	Saline replacement (SR) setup is the technique used to disperse suspected rouleaux in the patient plasma/serum sample.	N/A	\$119.07	\$125.02	\$125.02	\$128.77	\$135.21	\$141.97	\$149.07
Adsorption Procedure	LS205	Adsorption procedure autologous or allogeneic per each adsorption tube.	\$134.00	\$178.61	\$187.54	\$187.54	\$193.17	\$202.83	\$212.97	\$223.62
Red Cell Treatment	LS210	Chemical pre-modification of red cells for testing. (i.e., EGA/CHL/DTT/WARM)	\$90.00	\$178.61	\$187.54	\$187.54	\$193.17	\$202.83	\$212.97	\$223.62
Red Cell Stroma-Alloadsorption	LS215	Alloadsorption using Papain-treated human red cell stroma or RESt stroma, for each adsorption tube.	N/A	\$238.14	\$250.05	\$250.05	\$257.55	\$270.43	\$283.95	\$298.15
Enzyme Treatment	LS220	Pre-modification/treatment of RBCs using proteolytic enzymes (i.e., Ficin, Papain, etc.).	N/A	\$178.61	\$187.54	\$187.54	\$193.17	\$202.83	\$212.97	\$223.62
Elution Procedure	LS225	Procedure performed to remove antibodies from the surface of red blood cells.	\$87.00	\$108.35	\$113.77	\$113.77	\$117.18	\$123.04	\$129.19	\$135.65
Titration Studies, per Titration	LS230	Fee per titration tested.	N/A	\$250.05	\$262.55	\$262.55	\$270.43	\$283.95	\$298.15	\$313.05
Red Cell Separation Method	LS235	Fee for each special method used to harvest patient autologous red cells i.e., Microhematocrit or Hypotonic RBC separations.	N/A	\$300.06	\$315.06	\$315.06	\$324.51	\$340.74	\$357.78	\$375.67
Red Cell Separation - Percoll	LS240	Fee per Percoll treatment and red cell separation method.	N/A	\$404.84	\$425.08	\$425.08	\$437.83	\$459.73	\$482.72	\$506.85
Serum Neutralization/Inhibition Procedure	LS245	Fee per neutralization/inhibition serum/plasma set up.	N/A	\$231.00	\$242.55	\$242.55	\$249.83	\$262.32	\$275.44	\$289.21
Serum Treatment with Chemical Agents	LS250	Fee per each serum/plasma chemical treatment (i.e., 0.01 M DTT treatment)	N/A	\$178.61	\$187.54	\$187.54	\$193.17	\$202.83	\$212.97	\$223.62
Thermal Amplitude Test	LS255	Testing to determine cold antibodies optimal temperature of reactivity.	N/A	\$386.98	\$406.33	\$406.33	\$418.52	\$439.44	\$461.41	\$484.48
Polyagglutination Screen	LS260	Screen test for polyagglutination. Includes testing with human sera and lectins, if available.	N/A	\$155.98	\$163.78	\$163.78	\$168.69	\$177.13	\$185.99	\$195.29
Donath-Landsteiner Test	LS265	Diagnostic test of Paroxysmal Cold Hemoglobinuria (PCH).	N/A	\$625.12	\$656.38	\$656.38	\$676.07	\$709.87	\$745.36	\$782.63
Drug Dependent Antibody Studies	LS270	Test for identification of drug dependent antibodies.	N/A	\$613.21	\$643.87	\$643.87	\$663.19	\$696.35	\$731.17	\$767.73
Pathological Cold Agglutinin Screen	LS275	Test to evaluate the clinical significance of cold reactive autoantibodies.	N/A	\$92.87	\$97.51	\$97.51	\$100.44	\$105.46	\$110.73	\$116.27
Cold Agglutinin Titer	LS280	Titer of cold reactive autoantibodies (per titer).	N/A	\$160.74	\$168.78	\$168.78	\$173.84	\$182.53	\$191.66	\$201.24
Hemoglobin S	LS285/41M	Sickle cell screen test.	\$86.00	\$107.16	\$112.52	\$112.52	\$115.89	\$121.69	\$127.77	\$134.16
Kleihauer-Betke, Quantitative	LS287	Kleihauer-Betke (KB)- is used to determine the volume of fetomaternal hemorrhage to estimate the amount of RhIg needed to prevent alloimmunization.	N/A	\$238.14	\$250.05	\$250.05	\$257.55	\$270.43	\$283.95	\$298.15
Rosette Test, Qualitative	LS290	Screening test for fetomaternal hemorrhage.	N/A	\$119.07	\$125.02	\$125.02	\$128.77	\$135.21	\$141.97	\$149.07

Monocyte Monolayer Assay (MMA)	LS292	Monocyte Monolayer Assay used to better predict the transfusion risk of a clinically significant antibody. (Send out)	N/A	\$1,786.05	\$1,875.35	\$1,875.35	\$1,875.35	\$1,969.12	\$2,067.58	\$2,170.95
DAT NEG AIHA Evaluation	LS295	DAT negative Hemolytic anemia investigation (other names) Immune Hemolytic Anemia Evaluation; Micro Coombs; Super Coombs. (Send out)	N/A	\$952.56	\$1,000.19	\$1,000.19	\$1,000.19	\$1,050.20	\$1,102.71	\$1,157.85
Platelet Crossmatch Test	LS305	Platelet crossmatch by solid phase methods, per strip tested.	N/A	\$155.98	\$163.78	\$163.78	\$168.69	\$177.13	\$185.99	\$195.29
Platelet Antibody Screen Test	LS310	Platelet Antibody Detection using Capture-P Ready-Screen (CPRS).	N/A	\$188.13	\$197.54	\$197.54	\$203.46	\$213.64	\$224.32	\$235.54
Compatibility Testing	LS405	Crossmatch testing. Requires Transfusion Services Contract.	\$90.00							
Compatibility Screen	LS410	Charge for each RBC unit is screened with patient plasma/serum. Compatibility screen is not the crossmatch test of record and unit is not tagged.	N/A	\$107.16	\$112.52	\$112.52	\$115.89	\$121.69	\$127.77	\$134.16
*Crossmatch: Immediate Spin (IS)	LS415	IS Crossmatch by any methodology.	N/A	\$103.59	\$108.77	\$108.77	\$112.03	\$117.63	\$123.51	\$129.69
*Crossmatch: Antiglobulin (AHG)	LS420	Antiglobulin Crossmatch by any methodology.	\$125.00	\$148.84	\$156.28	\$156.28	\$160.97	\$169.02	\$177.47	\$186.34
*Crossmatch: Electronic (EXM)	LS425	Charge for each unit crossmatched by EXM.	\$81.00	\$101.21	\$106.27	\$106.27	\$109.46	\$114.93	\$120.68	\$126.71
Plasma Thawing	LS435/57M	Thawing of Plasma and Cryoprecipitate for transfusion	N/A	\$89.30	\$93.77	\$93.77	\$96.58	\$101.41	\$106.48	\$111.80
Blood Type Recheck	LS445	Patient ABO/Rh(D) confirmation from a 2nd specimen for transfusion of blood products.	N/A	\$65.49	\$68.76	\$68.76	\$70.83	\$74.37	\$78.09	\$81.99
Molecular Extended Red Cell Genotype/Phenotype	LS505	Molecular determination of allelic variants that determine common and rare red cell antigens using multiplex PCR and microarray analysis. (Send out)	\$410.00	\$488.19	\$512.60	\$512.60	\$512.60	\$538.23	\$565.14	\$593.40
Molecular Genotype-Platelet (HPA)	LS510	Molecular determination of allelic variants that determine common Human Platelet Antigens, using multiplex PCR and microarray analysis. (Send out)	\$320.00	\$381.02	\$400.07	\$400.07	\$400.07	\$420.07	\$441.07	\$463.13
RHD Genotype Test	LS515	RHD gene sequencing. Send out to a specialized genomics laboratory.	N/A	\$595.35	\$625.12	\$625.12	\$625.12	\$656.38	\$689.20	\$723.66
RHCE Genotype Test	LS520	RHCE gene sequencing. Send out to a specialized genomics laboratory.	N/A	\$773.96	\$812.66	\$773.96	\$812.66	\$853.29	\$895.95	\$940.75
Molecular Sequencing Test	LS525	Gene sequencing. Send out to a specialized genomics laboratory. Covers all non-RH sequencing, i.e., sequencing for ABO, LU, JK and other genes.	N/A	\$625.12	\$656.38	\$656.38	\$656.38	\$689.20	\$723.66	\$759.84

Donor/Product Search Fee, per Search	LS605	Fee is applied per search when donor recruitment is required to provide products or when searching outside the <u>local</u> lab inventory for: · Antigen negative red cell units · HPA selected platelets · HLA selected platelets	\$161.25	\$220.28	\$231.29	\$231.29	\$238.23	\$250.14	\$262.65	\$275.78
Unconfirmed Antigen Request, per Component	LS610/55M	Fee for requests of components with unconfirmed results for antigen typing or Hemoglobin S. Units are not labeled/tagged as antigen negative.	\$176.00	\$220.28	\$231.29	\$231.29	\$238.23	\$250.14	\$262.65	\$275.78
Rare Search Fee, per search	LS615	Fee for rare product search outside the Vitalant inventory.	N/A	\$375.07	\$393.82	\$393.82	\$405.64	\$425.92	\$447.22	\$469.58
ARDP Fee, per unit	LS620	Fee the American Rare Donor Program (ARDP) charges to the IRLs per unit they located and is shipped to requesting lab/center.	N/A	\$125.02	\$131.27	\$131.27	\$135.21	\$141.97	\$149.07	\$156.52
Import Fee, per unit	LS625	Fee per each special typed product imported from a Non-Vitalant blood center. Fee does NOT include the blood product or antigen typing charges. Those will be charged when the units are shipped/issued.	N/A	\$857.30	\$900.17	\$900.17	\$927.17	\$973.53	\$1,022.21	\$1,073.32
Transfusion Reaction Investigation - Clerical	LS705	Transfusion Reaction Investigation - Clerical. Charge in addition to the serological testing performed as part of the investigation of the reaction reported.	N/A	\$334.59	\$351.32	\$351.32	\$361.86	\$379.95	\$398.95	\$418.89
Transfusion Reaction Evaluation - Physician	LS710	Transfusion Reaction investigation, interpretation and written report, Physician services.	N/A	\$334.59	\$351.32	\$351.32	\$361.86	\$379.95	\$398.95	\$418.89
HLA Selected Platelet Fee, per Component	LS805/42M	Fee charged for each HLA selected or HLA antibody selected platelet shipped or issued.	N/A	\$375.07	\$393.82	\$393.82	\$405.64	\$425.92	\$447.22	\$469.58
Antigen Typing, Donor - Confirmed or Historical, per Antigen	LS810/23M	Donor common red cell antigen typing, per antigen.	\$103.00	\$95.26	\$100.02	\$100.02	\$103.02	\$108.17	\$113.58	\$119.26
Antigen Typing, Donor, Rare - Confirmed or Historical, per Antigen	LS815/24M	Donor rare red cell antigen typing, per antigen.	N/A	\$269.10	\$282.56	\$282.56	\$291.03	\$305.58	\$320.86	\$336.90
Crossmatched Platelet Tagging, per Component	LS825/43M	Fee per crossmatched platelet tagged issued or shipped.	N/A	\$178.61	\$187.54	\$187.54	\$193.17	\$202.83	\$212.97	\$223.62
Donor Antigen Screening, 1-10 Units Screened	LS830	Fee for random unit screening to find antigen negative units per batch of 1 - 10 units screened.	N/A	\$89.30	\$93.77	\$93.77	\$96.58	\$101.41	\$106.48	\$111.80
Rare Unit Fee, per Component	LS835/18M	Fee for each component issued or shipped that meets the 'Rare' definition.	N/A	\$654.89	\$687.63	\$687.63	\$708.26	\$743.68	\$780.86	\$819.91
CMV Negative, per Component	LS845/40M	Fee for each CMV negative component provided	N/A	\$88.20	\$92.61					
Irradiation Fee, per Component	LS850/73M	Fee for irradiation of a blood component	N/A	\$110.25	\$115.76					

Less Than 5 Days Fresh, per RBC	LS855/62M	Fee applied when less than 5-day fresh RBC requested (per RBC unit)				\$63.00	\$64.89	\$68.13	\$71.54	\$75.11
Less Than 10 Days Fresh, per RBC	LS860/63M	Fee applied when less than 10-day fresh RBC requested (per RBC unit)				\$42.00	\$43.26	\$45.42	\$47.69	\$50.08
Additional Wash, each	LS865/17M	Additional component wash performed, each	N/A	\$416.75	\$437.59	\$437.59	\$450.72	\$473.25	\$496.91	\$521.76
Aliquot Preparation, each	LS870	Blood component aliquot preparation, each	N/A	\$59.54	\$62.52	\$62.52	\$64.39	\$67.61	\$70.99	\$74.54
Aliquot Preparation and Syringe, each	LS875	Blood component aliquot preparation and syringe, each	N/A	\$71.44	\$75.01	\$75.01	\$77.26	\$81.13	\$85.19	\$89.45
On-Call Fee	LS905	On-Call Fee. Apply to Patient Testing workup or Antigen negative request outside of regularly staffed business hours.	\$200.00	\$416.75	\$437.59	\$437.59	\$450.72	\$473.25	\$496.91	\$521.76
STAT Request	LS910	STAT Patient Workup. Urgency for Patient Testing workup or Antigen negative request (move to front of the line) requested by client.	\$250.00	\$297.68	\$312.56	\$312.56	\$321.94	\$338.04	\$354.94	\$372.69
ASAP Request	LS915	ASAP Patient Workup. Special Urgency for Patient Testing workup or Antigen negative request requested by client.	\$200.00	\$238.14	\$250.05	\$250.05	\$257.55	\$270.43	\$283.95	\$298.15
External TS/ ESP - Initial Setup Fee	LS925	Initial assessment fee charged to external Transfusion Services and Emergency Services Providers	N/A	\$2,000.00	\$2,100.00	\$2,100.00	\$2,163.00	\$2,271.15	\$2,384.71	\$2,503.94
External TS/ESP Service Fee, monthly	LS926	Fee applied monthly to external Transfusion Services and Emergency Services Providers for administrative/regulatory services	N/A	\$297.68	\$312.56	\$312.56	\$321.94	\$338.04	\$354.94	\$372.69
Sample/Material Handling Fee	LS930/50M	Fee for sample pick up or for delivery of consumables (i.e. armbands)	N/A	\$119.07	\$125.02	\$125.02	\$128.77	\$135.21	\$141.97	\$149.07
STAT Delivery Fee	LS940/65M	Fee for STAT delivery of blood products.	N/A	\$220.50	\$231.53	\$231.53	\$238.47	\$250.39	\$262.91	\$276.05
ASAP Delivery Fee	LS955/54M	Fee for ASAP delivery of blood products.	N/A	\$110.25	\$115.76	\$115.76	\$119.24	\$125.20	\$131.46	\$138.03
External TS /ESP Stocking Fee, monthly	LS960	Fee applied monthly to external Transfusion Services and Emergency Services Providers with on-hold product inventory.	N/A	\$595.35	\$625.12	\$625.12	\$643.87	\$676.06	\$709.86	\$745.36
Blood Bank Arm Bands, per Box	LS965	Fee for supply of Blood Bank arm bands, per box.	N/A	\$35.72	\$37.51	\$37.51	\$38.63	\$40.56	\$42.59	\$44.72
Specimen Hold, each	LS970	Fee for holding/storing patient sample pending testing orders.	N/A	\$47.63	\$50.01	\$50.01	\$51.51	\$54.09	\$56.79	\$59.63