

Federal Supply Schedule FSC Group 66, Part III  
Cost-Per-Test: Clinical Analyzers

Laboratory, Chemistry, Hematology, Coagulation  
Urinalysis and Microbiology

## **SUPPLEMENT 5**

*April 1, 2008*

**Contractor:** **Becton, Dickinson and Company**  
**BD Biosciences**

**FSC Class:** 6630  
**Contract Number:** **V797P-6848A**  
**Contract Period:** April 1, 1999 to September 30, 2008  
**Business Size:** Large

# Terms and Conditions

1. **Table of Awards:** Special Item Number 605-6a
  - a. **General Conditions:** The Cost-Per Test Agreements is an agreement between BD Biosciences and Federal Supply Schedule (FSS) customers in which the customer places standing orders for tests or orders test on an as needed basis. Each order will be automatically shipped to the customer monthly or quarterly as specified. Testing pricing under this program is based on a single ship to, single bill to address. Additional orders or adjustments above the agreed upon amounts may be filed as described under ORDERING AND BILLING (12b)

2. Provide adequate and suitable space for storage of parts for on-site emergency service to be performed by the customer or by BD.  
Assignment: Without the prior written consent of BD, the customer shall not assign, transfer, or pledge the rental, the equipment, or any part thereof, or any interest therein, or circulate or rent the equipment or any part thereof; or permit the equipment or any part thereof to be used by anyone other than a BD authorized representative, the customer, or customer's employee.
  - b. **Agreement Amendments:** If a customer wishes to amend the Cost-Per-Test Agreement, it may be amended to accommodate net test volume increases or decreases. The amended agreement and pricing will become effective on the date it is approved and signed by BD.
  - c. **Agreement Start/End Dates:** The Cost-Per-Test Agreement start date is the date of installation. The agreement end date is 5 years from date of installation. Five-year plans are quoted in the price list.
2. **Maximum Order Limitation: None**
3. **Minimum Order:** (Tests/Month)

3 Color Calibur System	100
3 Color Calibur/FACS Loader System	100
4 Color Calibur System	100
4 Color Calibur/FACSLoader System	100
FACSCount System	50
4. **Geographic Coverage:** The 48 contiguous states, Alaska, the District of Columbia, Hawaii and Puerto Rico.
5. **Production Point:** USA
6. **Prompt Payment Terms:** Net 30 days
7. **Foreign Items:** None
8. **Delivery:** Within 60 days A.R.O. Delivery will be made to the 48 contiguous states, Alaska, the District of Columbia, Hawaii and Puerto Rico at no extra charge.
9. **FOB:** Prices shown are FOB destination, within consignee's premises: 48 contiguous states. District of Columbia, Hawaii and Puerto Rico.
10. **Ordering Address:**
  - a. Phone Orders: (877) 232-8995#1#2
  - b. Fax Orders: (800) 325-9637
  - c. Mail Orders: BD Biosciences  
2350 Qume Drive  
San Jose, CA 95131
  - d. Email Orders: SJOneFace@BD.com
11. **Payment Address:**

East: All states including and east of N.Dakota, S.Dakota, Nebraska, Kansas & Texas  
**BD Biosciences**  
**21588 Network Place**  
**Chicago, IL 60673-1215**

West: (All states west of the above mentioned states)  
**BD Biosciences**  
**PO Box 100921**  
**Pasadena, CA 91189-0921**
12. **Billing:**
  - a. **Terms of Payment:** The terms of the selected billing method apply to the invoices for domestic U.S., Hawaii and Puerto Rico. Terms of payment are net 30 days for all shipment.
  - b. **Ordering and Billing:** The customer has up to 90 days after installation of the analyzer to make changes or adjustments to the final monthly test volumes on which pricing will be based. At the time, standing order quantities and shipping dates will also be determined. Adjustments may be used to standing orders without penalty. BD must be given two weeks notice prior to shipment to incorporate the adjustments.
  - c. **Shipments:** Monthly or quarterly shipments will be made at the customer's choice. The customer will be billed for the number of tests shipped to a single location.

## Terms and Conditions

### 13. Terms and Conditions of Rental, Maintenance and Repair:

- a. **Customer Responsibility:** The customer agrees to provide reasonable care for the equipment as per manufacturer's recommended maintenance procedure; to return the equipment in the same condition as received, ordinary wear and tear excepted; and notify BD immediately of loss or damage.

**The customer shall also:**

1. Permit BD's representative to enter its premises at all reasonable times to install, inspect, repair, or prepare for the removal of equipment.
2. Provide adequate and suitable space for storage of parts for on-site emergency service to be performed by the customer or by BD.

- b. **Assignment:** Without the prior written consent of BD, the customer shall not assign, transfer, or pledge the rental, the equipment, or any part thereof, or any interest therein, or circulate or rent the equipment or any part thereof; or permit the equipment or any part thereof to be used by anyone other than a BD authorized representative, the customer, or customer's employee.

- c. **Ownership:** The equipment and parts rented are, and shall at all times remain the sole and exclusive property of BD; and the customer shall have no right, title, or interest therein except as expressly set forth in the Terms and Conditions.

- d. **Equipment Maintenance:** Routine daily, weekly, and monthly maintenance will be the responsibility of the customer, as outlined BD's Operator's Manual. Preventive maintenance and malfunction repairs will be the responsibility of the contractor.

- e. **Maintenance Credit for Equipment Malfunction:** If an analyzer remains inoperative due to a malfunction through no fault of negligence of the customer for a total of twenty-four hours or more, the contractor shall be assessed damages according to the cost-per-test contract. Operator generated instrument malfunction does not qualify for downtime credit.

- f. **Replacement Laboratory Equipment:** During the contract period any equipment with excessive downtime will be replaced by the contractor.

- g. **How to Obtain Service:** Call BD's Customer Support Center telephone, (877) 232-8995 #2. During the Cost-Per-Test period, BD will provide telephone assistance twenty-four hours a day, seven days a week. Emergency on-site service and replacement of parts is available Monday through Friday from 8:00 AM to 5:00 PM local time.

14. **Installation:** As performed by the BD representative, shall be complete and in accordance with the manufacturer installation and operation manuals/instructions.

15. **Additional Training Items:**  
FACSCalibur \$2,495

16. **Cost-Per-Test:** The Cost-Per-Test is based on a 60 month operating lease. One test is defined as two cell surface markers when using SimulTEST reagents, three cell surface markers using TriTEST or FACSCCount reagents, and four cell surface markers using MultiTEST reagents. Isotype control assays are counted as test under this schedule and should be included in any calculation of test volume. Includes all consumables required to run a test.

## Instructions for Determining Cost-Per-Test Figures

1. Select the schedule with the instrumentation desired.
2. Determine number of monthly tests required. Include all single and multicolor Markers and QA/QC requirements.
3. Determine specific requirements for system options and/or upgrades.

The cost per test figures on all of the schedule do not include:

1. Re-runs that involve additional monoclonal antibodies. These are considered tests under the schedule.
2. Test made with reagents other than those specified on the schedule(s).
3. Excessive use of controls, calibrators, sheath, and other consumable supplies.
4. Whole Blood controls.

Examples of how to use the schedules:

1. For 3-color TriTest™ reagents, each test is composed of 3 markers. A 3-color test example would be CD3/CD4/CD8. Isotype controls are treated as a test and should be used to calculate total test volume.

Monthly volume	200	CD3/CD4/CD8
	200	IgG <sub>1</sub> /IgG <sub>1</sub> /IgG <sub>1</sub>
	400	Total test volume

2. For 2-color SimulTEST reagents, each test composed of 2 markers. A 2-color test example would be CS4/CD8. A 2-color Isotype control is treated as a test and should be used to calculate total volume.

Monthly volume	200	CD4/CD8
	200	IgG <sub>1</sub> /IgG <sub>1</sub>
	400	Total test volume

3. For a mix of Multiple reagents, base the cost-per-use on the total combined volume of all reagents and Isotype controls.

Monthly volume	200	SimulTEST tests
	100	MultiTEST tests
	200	Single color 100T tests
	500	Total test volume

4. Rules for Upgrades and options:

From the "System Options & Upgrade" page locate the option/upgrade to be added to the instrument and use the CPT that corresponds to the total combined volume of tests. This amount is added to the CPT of the instrument based on the same total combined volume of tests.

Remember, the CPT is the total of the CPT for all of the required programs.

### 3 Color FACSCalibur System

**Includes:**

FACSCalibur 3 Color Flow Cytometry System	342973
FACStation for FACSCalibur	640283
17" Monitor	
Laser Printer	

**Consumables**

(The following items are included in the Cost-Per-Test price)

**Variable with Test Volume**

<u>Description</u>	<u>Catalog #</u>
Silicone Tubing 0.060" ID x 0.030"	343505
Silicone Tubing 0.030" ID x 0.082" OD (sorting tube)	343666
CaliBRITE 3 Beads	340486
CaliBRITE Beads	349502
DNA Quality Control Particles	349523
TruCOUNT Controls	340335
FACSFlow Sheath Fluid	342003
FACS Lysing Solution	349202

**Fixed Quantity Per Year Per Analyzer**

<u>Description</u>	<u>Catalog #</u>	<u>Qty/Year</u>
Bal-Seal (Sample injection Port, SIP)	343509	2 per year
Sheath Tank Disposable cap (minimum quantity of 10)	343533	as needed
1.5" Diameter Air intake Filter	343536	2 per year
1.25" Diameter Air-Hydrophobic Filter	343538	2 per year
3" Diameter Droplet Containment Module (DCM) Filter	343540	1 per year
Saline Filter - CA 2503	343542	2 per year
12" x 16.5" Laser Air Filter	343537	1 per 2 years
Neoprene Tubing for DCM (minimum quantity of 12")	343585	1 per 2 years
0.560" ID x 0.060" W O-Ring for SIP (minimum quantity of 5)	343612	2 per year
0.101" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343620	2 per year
0.239" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343610	2 per year
0.364" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343615	2 per year
Saline Filter Assembly O-Ring (minimum quantity of 5)	343611	2 per year
O-Ring for Quick Disconnect Fittings (minimum quantity of 5)	343618	2 per year
FACSCalibur Preventive Maintenance Kit	343639	1 per year
Sheath/Waste Cap (with opening for level probes)	343662	1 per year
Sheath/Waste Cap Gasket (orange)	343663	2 per year
Sheath/Waste Reservoir	343665	4 per year

MONTHLY COMBINED TEST VOLUME

	100	151	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951	1001	1051
<b>Reagents</b>	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
Tritest/Trucount	33.34	23.62	19.46	16.86	14.98	13.55	12.43	11.73	11.20	10.78	10.39	10.11	9.86	9.64	9.45	9.28	9.13	8.99	8.87	8.75
Tritest	29.27	20.74	16.94	14.55	12.85	11.56	10.55	9.89	9.38	8.98	8.61	8.34	8.10	7.89	7.70	7.53	7.39	7.25	7.13	7.02
Simultest	25.45	18.04	14.58	12.40	10.85	9.69	8.78	8.17	7.68	7.29	6.95	6.68	6.44	6.24	6.06	5.90	5.75	5.62	5.50	5.40
Simultest IMK - Lymphocyte	57.25	40.55	34.27	30.37	27.49	25.26	23.46	22.54	21.85	21.34	20.82	20.50	20.22	19.97	19.75	19.55	19.37	19.20	19.05	18.91
Single Color Reagents 50T	22.82	18.18	12.95	10.91	9.47	8.40	7.57	6.98	6.51	6.13	5.80	5.53	5.30	5.10	4.92	4.77	4.63	4.50	4.38	4.28
Single Color Reagents 100T	21.89	15.52	12.37	10.38	8.98	7.94	7.14	6.56	6.10	5.72	5.39	5.13	4.90	4.70	4.52	4.37	4.23	4.10	3.99	3.88

MONTHLY COMBINED TEST VOLUME

	1101	1151	1201	1251	1301	1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001	2001 +
<b>Reagents</b>	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000		
Tritest/Trucount	8.73	8.63	8.54	8.46	8.38	8.31	8.24	8.18	8.12	8.06	8.01	7.96	7.91	7.87	7.83	7.79	7.75	7.71	7.67	
Tritest	7.00	6.91	6.82	6.74	6.67	6.60	6.53	6.47	6.42	6.36	6.31	6.27	6.22	6.18	6.14	6.10	6.06	6.03	6.00	
Simultest	5.38	5.29	5.21	5.13	5.06	5.00	4.93	4.88	4.82	4.77	4.72	4.68	4.64	4.60	4.56	4.52	4.49	4.46	4.42	
Simultest IMK - Lymphocyte	18.87	18.75	18.64	18.54	18.44	18.35	18.27	18.19	18.11	18.04	17.97	17.91	17.84	17.78	17.73	17.67	17.62	17.57	17.53	
Single Color Reagents 50T	4.27	4.18	4.10	4.02	3.96	3.89	3.83	3.78	3.72	3.68	3.63	3.59	3.55	3.51	3.47	3.44	3.40	3.37	3.34	
Single Color Reagents 100T	3.87	3.78	3.70	3.63	3.56	3.50	3.44	3.39	3.33	3.29	3.24	3.20	3.16	3.12	3.08	3.05	3.02	2.99	2.96	

### 3 Color FACSCalibur System/FACSLoader

**Includes:**

FACSCalibur 3 Color Flow Cytometry System	342973
FACStation for FACSCalibur	640283
FACSLoader Option	336574
17" Monitor	
Laser Printer	

**Consumables**

(The following items are included in the Cost-Per-Test price)

**Variable with Test Volume**

<u>Description</u>	<u>Catalog #</u>
Silicone Tubing 0.060" ID x 0.030"	343505
Silicone Tubing 0.030" ID x 0.082" OD (sorting tube)	343666
CaliBRITE 3 Beads	340486
CaliBRITE Beads	349502
DNA Quality Control Particles	349523
TruCOUNT Controls	340335
FACSFlow Sheath Fluid	342003
FACS Lysing Solution	349202

**Fixed Quantity Per Year Per Analyzer**

<u>Description</u>	<u>Catalog #</u>	<u>Qty/Year</u>
Bal-Seal (Sample injection Port, SIP)	343509	2 per year
Sheath Tank Disposable cap (minimum quantity of 10)	343533	as needed
1.5" Diameter Air intake Filter	343536	2 per year
1.25" Diameter Air-Hydrophobic Filter	343538	2 per year
3" Diameter Droplet Containment Module (DCM) Filter	343540	1 per year
Saline Filter - CA 2503	343542	2 per year
12" x 16.5" Laser Air Filter	343537	1 per 2 years
Neoprene Tubing for DCM (minimum quantity of 12")	343585	1 per 2 years
0.560" ID x 0.060" W O-Ring for SIP (minimum quantity of 5)	343612	2 per year
0.101" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343620	2 per year
0.239" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343610	2 per year
0.364" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343615	2 per year
Saline Filter Assembly O-Ring (minimum quantity of 5)	343611	2 per year
O-Ring for Quick Disconnect Fittings (minimum quantity of 5)	343618	2 per year
FACSCalibur Preventive Maintenance Kit	343639	1 per year
Sheath/Waste Cap (with opening for level probes)	343662	1 per year
Sheath/Waste Cap Gasket (orange)	343663	2 per year
Sheath/Waste Reservoir	343665	4 per year

MONTHLY COMBINED TEST VOLUME

	100	151	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951	1001	1051
<b>Reagents</b>	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
Tritest/Trucount	51.72	35.63	28.24	23.76	20.74	18.56	16.88	15.68	14.73	13.96	13.31	12.77	12.31	11.92	11.57	11.26	10.99	10.74	10.51	10.32
Tritest	47.65	32.75	25.71	21.46	18.61	16.57	15.00	13.84	12.92	12.16	11.54	11.00	10.55	10.16	9.81	9.51	9.24	9.00	8.78	8.59
Simultest	43.83	30.05	23.35	19.30	16.62	14.70	13.24	12.11	11.22	10.48	9.87	9.34	8.89	8.51	8.17	7.88	7.61	7.37	7.15	6.96
Simultest IMK - Lymphocyte	69.69	45.83	33.70	28.64	25.37	22.94	21.03	19.56	18.72	18.08	17.57	17.10	16.77	16.49	16.23	16.01	15.80	15.62	15.45	15.30
Single Color Reagents 50T	30.79	20.63	15.96	13.15	11.24	9.86	8.80	8.05	7.45	6.97	6.55	6.22	5.93	5.68	5.46	5.27	5.10	4.94	4.81	4.68
Single Color Reagents 100T	29.86	19.97	15.39	12.62	10.75	9.40	8.37	7.63	7.03	6.56	6.15	5.81	5.53	5.28	5.06	4.87	4.70	4.55	4.41	4.28

MONTHLY COMBINED TEST VOLUME

	1101	1151	1201	1251	1301	1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001 +
<b>Reagents</b>	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	
Tritest/Trucount	10.13	33.39	26.68	22.63	19.93	18.01	16.55	15.41	14.52	13.77	13.16	12.62	12.17	11.78	11.44	11.14	10.87	10.63	10.40
Tritest	8.40	1.93	1.86	1.79	1.72	1.67	1.61	1.56	1.51	1.46	1.42	1.38	1.34	1.31	1.27	1.24	1.21	1.18	1.16
Simultest	6.78	6.63	6.48	6.35	6.22	6.10	5.99	5.90	5.80	5.72	5.63	5.56	5.48	5.42	5.36	5.29	5.23	5.18	5.12
Simultest IMK - Lymphocyte	20.27	20.09	19.91	19.75	19.60	19.45	19.33	19.21	19.08	18.98	18.88	18.78	18.69	18.60	18.53	18.44	18.37	18.30	18.22
Single Color Reagents 50T	4.56	4.46	4.36	4.27	4.19	4.11	4.04	3.96	3.91	3.85	3.80	3.75	3.70	3.65	3.61	3.57	3.53	3.49	3.46
Single Color Reagents 100T	4.17	4.06	3.97	3.88	3.80	3.72	3.65	3.58	3.52	3.47	3.41	3.36	3.31	3.27	3.22	3.18	3.15	3.11	3.07

## 4 Color FACSCalibur System

**Includes:**

FACSCalibur 4 Color Flow Cytometry System	342975
FACStation for FACSCalibur	640283
17" Monitor	
Laser Printer	

**Consumables**

(The following items are included in the Cost-Per-Test price)

**Variable with Test Volume**

<u>Description</u>	<u>Catalog #</u>
Silicone Tubing 0.060" ID x 0.030"	343505
Silicone Tubing 0.030" ID x 0.082" OD (sorting tube)	343666
CaliBRITE 3 Beads	340486
CaliBRITE Beads	349502
CaliBRITE APC	340487
DNA Quality Control Particles	349523
TruCOUNT Controls	340335
FACSFlow Sheath Fluid	343003
FACS Lysing Solution	349202

**Fixed Quantity Per Year Per Analyzer**

<u>Description</u>	<u>Catalog #</u>	<u>Qty/Year</u>
Bal-Seal (Sample injection Port, SIP)	343509	2 per year
Sheath Tank Disposable cap (minimum quantity of 10)	343533	as needed
1.5" Diameter Air intake Filter	343536	2 per year
1.25" Diameter Air-Hydrophobic Filter	343538	2 per year
3" Diameter Droplet Containment Module (DCM) Filter	343540	1 per year
Saline Filter - CA 2503	343542	2 per year
12" x 16.5" Laser Air Filter	343537	1 per 2 years
Neoprene Tubing for DCM (minimum quantity of 12")	343585	1 per 2 years
0.560" ID x 0.060" W O-Ring for SIP (minimum quantity of 5)	343612	2 per year
0.101" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343620	2 per year
0.239" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343610	2 per year
0.364" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343615	2 per year
Saline Filter Assembly O-Ring (minimum quantity of 5)	343611	2 per year
O-Ring for Quick Disconnect Fittings (minimum quantity of 5)	343618	2 per year
FACSCalibur Preventive Maintenance Kit	343639	1 per year
Sheath/Waste Cap (with opening for level probes)	343662	1 per year
Sheath/Waste Cap Gasket (orange)	343663	2 per year
Sheath/Waste Reservoir	343665	4 per year

MONTHLY COMBINED TEST VOLUME

<u>Reagents</u>	100	151	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951	1001	1051
Multitest/Trucount	55.49	38.49	31.07	26.57	23.49	21.23	19.48	18.32	17.40	16.69	16.06	15.54	15.12	14.76	14.43	14.14	13.87	13.64	13.44	13.25
Multitest	51.42	35.61	28.55	24.27	21.36	19.24	17.60	16.48	15.59	14.89	14.28	13.77	13.35	13.00	12.67	12.39	12.13	11.90	11.70	11.52
Multitest IM K/Trucount	72.95	50.85	41.88	36.44	32.63	29.78	27.54	26.21	25.18	24.40	23.68	23.14	22.69	22.30	21.95	21.64	21.35	21.10	20.88	20.67
Multitest IMK	65.66	45.69	37.36	32.32	28.81	26.21	24.18	22.92	21.93	21.18	20.50	19.96	19.53	19.15	18.81	18.50	18.22	17.99	17.77	17.57
Tritest/Trucount	47.69	32.96	26.23	22.16	19.41	17.41	15.88	14.79	13.92	13.24	12.65	12.15	11.74	11.39	11.07	10.79	10.53	10.31	10.11	9.93
Tritest	43.62	30.08	23.71	19.86	17.28	15.42	14.00	12.95	12.11	11.45	10.88	10.38	9.97	9.63	9.31	9.04	8.78	8.57	8.38	8.20
Simultest	39.80	27.38	21.35	17.70	15.28	13.55	12.24	11.23	10.41	9.76	9.21	8.72	8.32	7.98	7.67	7.40	7.15	6.94	6.75	6.58
Simultest IMK - Lymphocyte	71.59	49.89	41.04	35.68	31.92	29.12	26.92	25.60	24.58	22.80	23.09	22.55	22.10	21.71	21.36	21.05	20.77	20.52	20.30	20.10
Single Color Reagents 50T	28.45	19.08	14.80	12.22	10.46	9.19	8.22	7.53	6.98	6.54	6.16	5.86	5.60	5.37	5.17	5.00	4.84	4.70	4.57	4.46
Single Color Reagents 100T	27.51	18.42	14.22	11.69	9.98	8.73	7.79	7.11	6.57	6.13	5.76	5.45	5.19	4.97	4.77	4.60	4.44	4.30	4.17	4.06

MONTHLY COMBINED TEST VOLUME

<u>Reagents</u>	1101	1151	1201	1251	1301	1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001 +
Multitest/Trucount	13.08	12.92	12.78	12.63	12.51	12.39	12.29	12.18	12.09	12.01	11.93	11.85	11.76	11.69	11.63	11.56	11.51	11.44	11.39
Multitest	11.35	11.20	11.06	10.92	10.80	10.68	10.58	10.47	10.39	10.31	10.23	10.15	10.07	10.00	9.94	9.88	9.83	9.76	9.71
Multitest IM K/Trucount	20.48	20.31	20.15	20.00	19.86	19.72	19.61	19.49	19.38	19.29	19.20	19.11	19.01	18.93	18.86	18.78	18.73	18.65	18.58
Multitest IMK	17.39	17.22	17.07	16.92	16.79	16.66	16.55	16.43	16.34	16.25	16.16	16.08	15.98	15.91	15.84	15.77	15.71	15.64	15.58
Tritest/Trucount	9.77	9.62	9.48	9.35	9.23	9.11	9.02	8.91	8.83	8.75	8.68	8.60	8.52	8.45	8.40	8.33	8.29	8.22	8.17
Tritest	9.04	7.90	7.76	7.83	7.52	7.40	7.31	7.21	7.12	7.05	6.98	6.91	6.83	6.76	6.71	6.65	6.61	6.54	6.49
Simultest	6.42	6.28	6.15	6.02	5.91	5.80	5.71	5.61	5.53	5.46	5.39	5.32	5.24	5.18	5.13	5.07	5.03	4.97	4.92
Simultest IMK - Lymphocyte	19.91	19.74	19.58	19.42	19.29	19.15	19.04	18.92	18.82	18.73	18.64	18.55	18.45	18.37	18.30	18.22	18.16	18.09	18.02
Single Color Reagents 50T	4.35	4.25	4.17	4.08	4.01	3.94	3.87	3.81	3.76	3.70	3.65	3.61	3.56	3.52	3.48	3.44	3.41	3.37	3.34
Single Color Reagents 100T	3.95	3.86	3.77	3.69	3.62	3.55	3.48	3.42	3.37	3.31	3.27	3.22	3.17	3.13	3.09	3.06	3.02	2.99	2.96

## 4 Color FACSCalibur System/FACSLoader

**Includes:**

FACSCalibur 4 Color Flow Cytometry System	342975
FACStation for FACSCalibur	640283
FACSLoader Option	336574
17" Monitor	
Laser Printer	

**Consumables**

(The following items are included in the Cost-Per-Test price)

**Variable with Test Volume**

<u>Description</u>	<u>Catalog #</u>
Silicone Tubing 0.060" ID x 0.030"	343505
Silicone Tubing 0.030" ID x 0.082" OD (sorting tube)	343666
CaliBRITE 3 Beads	340486
CaliBRITE Beads	349502
CaliBRITE APC	340487
DNA Quality Control Particles	349523
TruCOUNT Controls	340335
FACSFlow Sheath Fluid	342003
FACS Lysing Solution	349202

**Fixed Quantity Per Year Per Analyzer**

<u>Description</u>	<u>Catalog #</u>	<u>Qty/Year</u>
Bal-Seal (Sample injection Port, SIP)	343509	2 per year
Sheath Tank Disposable cap (minimum quantity of 10)	343533	as needed
1.5" Diameter Air intake Filter	343536	2 per year
1.25" Diameter Air-Hydrophobic Filter	343538	2 per year
3" Diameter Droplet Containment Module (DCM) Filter	343540	1 per year
Saline Filter - CA 2503	343542	2 per year
12" x 16.5" Laser Air Filter	343537	1 per 2 years
Neoprene Tubing for DCM (minimum quantity of 12")	343585	1 per 2 years
0.560" ID x 0.060" W O-Ring for SIP (minimum quantity of 5)	343612	2 per year
0.101" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343620	2 per year
0.239" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343610	2 per year
0.364" ID x 0.070" W O-Ring for SIP (minimum quantity of 5)	343615	2 per year
Saline Filter Assembly O-Ring (minimum quantity of 5)	343611	2 per year
O-Ring for Quick Disconnect Fittings (minimum quantity of 5)	343618	2 per year
FACSCalibur Preventive Maintenance Kit	343639	1 per year
Sheath/Waste Cap (with opening for level probes)	343662	1 per year
Sheath/Waste Cap Gasket (orange)	343663	2 per year
Sheath/Waste Reservoir	343665	4 per year

MONTHLY COMBINED TEST VOLUME

	100	151	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951	1001	1051
<b>Reagents</b>	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
Multitest/Trucount	58.90	41.51	33.89	29.30	25.14	23.82	22.03	20.85	19.90	19.17	18.51	17.99	17.56	17.18	16.85	16.55	16.28	16.04	15.83	15.64
Multitest	54.83	38.63	31.37	26.99	24.01	21.83	20.15	19.01	18.09	17.37	16.74	16.22	15.80	15.42	15.09	14.80	14.53	14.30	14.10	13.91
Multitest IM K/Trucount	76.37	53.87	44.71	39.17	35.28	32.37	30.09	28.74	27.68	26.88	26.13	25.59	25.13	24.72	24.37	24.05	23.75	23.50	23.27	23.06
Multitest IMK	69.07	48.71	40.19	35.04	31.46	28.90	26.73	25.44	24.43	23.66	22.95	22.42	21.97	21.57	21.22	20.92	20.83	20.38	20.17	19.98
Tritest/Trucount	51.10	35.98	29.06	24.88	22.05	20.00	18.43	17.32	16.42	15.72	15.11	14.60	14.18	13.81	13.49	13.20	12.93	12.71	12.51	12.32
Tritest	47.03	33.10	26.54	22.58	19.92	18.01	16.55	15.48	14.62	13.92	13.33	12.83	12.42	12.05	11.73	11.45	11.19	10.97	10.77	10.59
Simultest	43.22	30.40	24.18	20.43	17.83	16.14	14.79	13.76	12.91	12.24	11.67	11.17	10.78	10.40	10.09	9.81	9.56	9.34	9.15	8.97
Simultest IMK - Lymphocyte	75.01	52.91	43.87	38.40	34.57	31.71	29.47	28.13	27.08	26.28	25.54	25.00	24.54	24.14	23.78	23.47	23.17	22.92	22.70	22.48
Single Color Reagents 50T	33.90	22.89	17.51	14.39	12.28	10.74	9.58	8.74	8.07	7.53	7.07	6.70	6.38	6.10	5.85	5.64	5.44	5.27	5.12	4.97
Single Color Reagents 100T	32.96	22.03	16.93	13.86	11.79	10.29	9.15	8.31	7.65	7.12	6.66	6.29	5.97	5.69	5.45	5.24	5.04	4.87	4.72	4.58

MONTHLY COMBINED TEST VOLUME

	1101	1151	1201	1251	1301	1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001 +
<b>Reagents</b>	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	
Multitest/Trucount	15.91	15.72	15.56	15.40	15.26	15.12	15.00	14.88	14.77	14.67	14.57	14.49	14.40	14.32	14.24	14.17	14.10	14.04	13.97
Multitest	14.18	14.00	13.84	13.69	13.54	13.41	13.29	13.18	13.07	12.97	12.88	12.79	12.71	12.63	12.56	12.48	12.42	12.35	12.29
Multitest IM K/Trucount	23.31	23.11	22.93	22.76	22.60	22.48	22.32	22.19	22.07	21.95	21.85	21.75	21.65	21.56	21.47	21.39	21.31	21.24	21.17
Multitest IMK	20.22	20.03	19.95	19.89	19.54	19.38	19.26	19.14	19.02	18.91	18.81	18.72	18.63	18.53	18.45	18.37	18.30	18.23	18.16
Tritest/Trucount	12.60	12.42	12.26	12.11	11.97	11.84	11.72	11.61	11.51	11.41	11.32	11.24	11.16	11.08	11.01	10.94	10.88	10.82	10.76
Tritest	10.87	10.70	10.54	10.40	10.26	10.13	10.02	9.91	9.81	9.71	9.63	9.55	9.47	9.39	9.32	9.25	9.20	9.14	9.08
Simultest	9.25	9.08	8.93	8.79	8.65	8.53	8.42	8.31	8.22	8.12	8.04	7.96	7.89	7.81	7.74	7.68	7.62	7.56	7.51
Simultest IMK - Lymphocyte	22.74	22.54	22.38	22.19	22.03	21.89	21.75	21.62	21.50	21.39	21.28	21.19	21.09	21.00	20.91	20.83	20.75	20.68	20.61
Single Color Reagents 50T	4.85	4.73	4.62	4.52	4.43	4.34	4.26	4.19	4.12	4.06	3.99	3.94	3.88	3.83	3.78	3.74	3.69	3.65	3.61
Single Color Reagents 100T	4.45	4.33	4.23	4.13	4.04	3.95	3.87	3.80	3.73	3.67	3.61	3.55	3.50	3.44	3.40	3.35	3.31	3.27	3.23

## FACSCount System

**Includes:**

FACSCount Instrument (includes Spares Kit)	337858
FACSCount Bar Code Reader	343071
FACSCount Reagent Kit	340167
FACSCount Control Kit	340166
FACSFlow	340398

**Variable with Test Volume**

<u>Description</u>	<u>Catalog #</u>
Cap. Facspette, (220 bagged)	343514
Thermal Paper Roll	332839
Tube, Non-Sterile, 10x50 mm	343685
Cap Red, 10x50 mm	343514

**Fixed Quantity Per Year Per Analyzer**

<u>Description</u>	<u>Catalog #</u>	<u>Qty/Year</u>
Cap Vented	343515	1
Cleaning Wires	343648	1
Fuse Drawer, 1/4x1/4	343563	1
Fuse, Metric T2.5A	343564	1
Fuse, 2 AMP	343554	4
Sheath/Waste Gasket (FCT/FP)	343659	5
Saline Filter Assy	343645	1

MONTHLY COMBINED TEST VOLUME

	50	101	151	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951	1001	1051
	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
FACSCount Reagents	32.46	21.60	15.60	13.65	12.51	11.73	11.17	10.74	10.40	10.13	9.90	9.70	9.54	9.39	9.27	9.15	9.05	8.96	8.88	8.80	8.74

MONTHLY COMBINED TEST VOLUME

	1101	1151	1201	1251	1301	1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001	+
FACSCount Reagents	8.67	8.61	8.56	8.51	8.46	8.42	8.38	8.34	8.30	8.26	8.23	8.20	8.17	8.14	8.11	8.09	8.06	8.04	8.02	

## System Options & Upgrade

This schedule is used in conjunction with the FACSCalibur system cost per test schedule. Determine cost per test total by determining the combined total monthly test volume from all listed reagents categories. Once that number is known, match that number with the combined test volume figures on this table to determine the additional cost per test figure to be added to the desired FACSCalibur Cost-Per-Test program.

### MONTHLY COMBINED TEST VOLUME

	100	151	201	251	301	351	401	451	501	551	601	651	701	751	801	851	901	951	1001	1051
	150	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100
Loader Upgrade	5.93	3.83	2.95	2.36	1.97	1.69	1.48	1.31	1.18	1.08	0.99	0.91	0.85	0.79	0.74	0.70	0.66	0.62	0.59	0.56
Loader Option	5.93	3.83	2.95	2.36	1.97	1.69	1.48	1.31	1.18	1.08	0.99	0.91	0.85	0.79	0.74	0.70	0.66	0.62	0.59	0.56
FL4 Upgrade	5.51	3.65	2.74	2.20	1.83	1.57	1.38	1.22	1.10	1.00	0.92	0.85	0.79	0.73	0.69	0.65	0.61	0.58	0.55	0.52
Sorting Upgrade	8.29	5.49	4.12	3.30	2.75	2.36	2.07	1.84	1.65	1.50	1.38	1.27	1.18	1.10	1.03	0.97	0.92	0.87	0.83	0.79
Sorting Option	7.38	4.89	3.67	2.94	2.45	2.10	1.84	1.84	1.47	1.34	1.23	1.13	1.05	0.98	0.92	0.87	0.82	0.78	0.74	0.70
Cell Concentrator	1.26	0.83	0.63	0.50	0.42	0.36	0.31	0.28	0.25	0.23	0.21	0.19	0.18	0.17	0.16	0.15	0.14	0.13	0.13	0.12
20" Monitor Upgrade	0.53	0.35	0.26	0.21	0.17	0.15	0.13	0.12	0.10	0.10	0.09	0.08	0.08	0.07	0.07	0.06	0.06	0.06	0.05	0.05
Color Printer Option	0.30	0.20	0.15	0.12	0.10	0.09	0.07	0.07	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03
Color Printer Upgrade	0.86	0.57	0.43	0.34	0.29	0.25	0.21	0.19	0.17	0.16	0.14	0.13	0.12	0.11	0.11	0.10	0.10	0.09	0.09	0.08
20" Monitor Option	0.27	0.18	0.14	0.11	0.09	0.08	0.07	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03
Optical Drive Upgrade	0.38	0.25	0.19	0.15	0.13	0.11	0.09	0.08	0.08	0.07	0.06	0.06	0.05	0.05	0.05	0.04	0.04	0.04	0.04	0.04
Additional FACStation Analysis Wo	3.61	2.39	1.80	1.44	1.20	1.03	0.90	0.80	0.72	0.65	0.60	0.55	0.51	0.48	0.45	0.42	0.40	0.38	0.36	0.34
Bar Code Reader	0.28	0.18	0.14	0.11	0.09	0.08	0.07	0.06	0.06	0.05	0.05	0.04	0.02	0.04	0.03	0.03	0.03	0.03	0.03	0.03

### MONTHLY COMBINED TEST VOLUME

	1101	1151	1201	1251	1301	1351	1401	1451	1501	1551	1601	1651	1701	1751	1801	1851	1901	1951	2001 +
	1150	1200	1250	1300	1350	1400	1450	1500	1550	1600	1650	1700	1750	1800	1850	1900	1950	2000	
Loader Upgrade	0.54	0.52	0.49	0.47	0.46	0.44	0.42	0.41	0.40	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.30	0.30
Loader Option	0.54	0.52	0.49	0.47	0.46	0.44	0.42	0.41	0.40	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.30	0.30
FL4 Upgrade	0.50	0.48	0.45	0.44	0.42	0.41	0.39	0.38	0.37	0.35	0.34	0.33	0.32	0.31	0.31	0.30	0.29	0.28	0.28
Sorting Upgrade	0.75	0.72	0.69	0.66	0.64	0.61	0.59	0.57	0.55	0.53	0.52	0.50	0.49	0.47	0.46	0.45	0.44	0.42	0.41
Sorting Option	0.67	0.64	0.61	0.59	0.57	0.55	0.53	0.51	0.49	0.48	0.46	0.45	0.43	0.42	0.41	0.40	0.39	0.38	0.37
Cell Concentrator	0.11	0.11	0.10	0.10	0.10	0.09	0.09	0.09	0.08	0.08	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.06	0.06
20" Monitor Upgrade	0.05	0.05	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Color Printer Option	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01
Color Printer Upgrade	0.08	0.07	0.07	0.07	0.07	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.04	0.04
20" Monitor Option	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01
Optical Drive Upgrade	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02
Additional FACStation Analysis Wo	0.33	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.23	0.22	0.21	0.21	0.2	0.19	0.19	0.18	0.18
Bar Code Reader	0.03	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.01	0.01	0.01	0.01

## Reagent Test Ordering Information

### Multitest/Trucount

<u>Catalog #</u>	<u>Description</u>
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## Reagent Test Ordering Information

**Multitest**

**Catalog #**

**Description**

## Reagent Test Ordering Information

### Multitest IMK/Trucount

<u>Catalog #</u>	<u>Description</u>
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## Reagent Test Ordering Information

### Multitest IMK

<u>Catalog #</u>	<u>Description</u>
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## Reagent Test Ordering Information

Tritest/Trucount

Catalog #      Description

## Reagent Test Ordering Information

Tritest

Catalog #

Description

## Reagent Test Ordering Information

**Simultest**

**Catalog #**

**Description**

## Reagent Test Ordering Information

### Simultest IMK - Lymphocyte

<u>Catalog #</u>	<u>Description</u>
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## Reagent Test Ordering Information

### Single Color Reagents 50T

Catalog #      Description

## Reagent Test Ordering Information

### Single Color Reagents 100T

Catalog #      Description