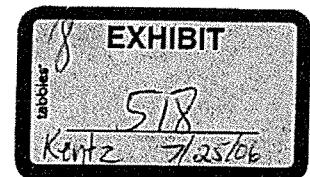


ACQUISITION BY

HOFFMANN-LA ROCHE INC.
AND F.HOFFMANN-LA ROCHE LTD.

OF CERTAIN ASSETS FROM
CETUS CORPORATION

DECEMBER 11, 1991



HIGHLY CONFIDENTIAL
ATTORNEY'S EYES ONLY

RMS 06303

SECTION 2. PURCHASE, SALE, LICENSE AND ASSUMPTION.

2.1. Agreement to Sell and to Purchase. On the terms and subject to the conditions set forth herein, Seller shall, except as provided in Section 2.2, sell, assign, transfer, convey and deliver to Purchaser, and Purchaser shall, except as provided in Section 2.2, buy and acquire from Seller all right, title and interest of Seller in and to the following assets, properties and Rights, subject only to the transfers, assignments and licenses in respect of such assets, properties and Rights contemplated by the Basel Agreement:

(a) All Personal Property, wherever located, that existed on the date of this Agreement, and all additions thereto made by Seller prior to the Closing Date, except to the extent such Personal Property has been sold or otherwise disposed of by Seller prior to the Closing Date in the Ordinary Course of Business, including, without limitation, all of the Personal Property described on Schedule 2.1(a);

(b) All Inventory, wherever located, that existed on the date of this Agreement, and all additions thereto made by Seller prior to the Closing Date, except to the extent such Inventory has been sold, consumed or otherwise disposed of by Seller prior to the Closing Date in the Ordinary Course of Business, including, without limitation, all of the Inventory described on Schedule 2.1(b);

(c) All of the PCR Intellectual Property listed on Schedule 2.1(c) (the "Transferred Intellectual Property"), together, except as listed on such Schedule, with all claims for profits and Damages against third parties by reason of the past Infringement of any of the Transferred Intellectual Property together with the right to sue for, and collect the same, or to sue for injunctive relief, for Purchaser's own use and benefit, and for the use and benefit of its successors, assigns or other legal representatives; provided, however, that if any third party brings a Claim for Infringement of any of such third party's Intellectual Property against Seller and/or Purchaser in response to which Seller or Purchaser asserts as a defense or counterclaim the Infringement by such third party of any Transferred Intellectual Property on or prior to the Closing Date, then all amounts which Purchaser or, with respect to those Infringement Claims transferred to Purchaser hereunder, Seller may recover from such third party as a result of such pre-Closing Infringement shall be offset

against any and all Damages, if any, which Seller is, as a result of Seller's Infringement of such third party's Intellectual Property prior to the Closing Date, required to pay to Purchaser under Section 11 or required to pay to Basel under Section 11 of the Basel Agreement.

(d) All of Seller's Rights (including deposits related thereto) under the Contracts listed on Schedule 2.1(d) (the "Transferred Contracts");

(e) All of the Computer Programs listed on Schedule 2.1(e) (the "Transferred Computer Programs");

(f) All accounts receivable of Seller relating to the PCR Business that exist on the Closing Date (the "Receivables");

(g) All Rights of Seller under any and all confidentiality agreements or confidentiality provisions of other agreements with Seller's present or past employees, agents, consultants, contractors, suppliers, customers, partners, joint venturers or other Persons to the extent such Rights relate to the PCR Business and/or the Transferred Intellectual Property (the "Confidentiality Rights"), all to the extent that they are transferable to Purchaser;

(h) All nonprivileged books, documents and records of Seller to the extent they pertain to the PCR Technology or the PCR Business or any of the Acquired Assets, wherever located and whether maintained in electronic or physical form, including, without limitation, all accounting, credit and environmental records and customer lists; provided, however, Seller may retain copies of such materials to the extent necessary for Seller to fulfill its obligations under this Agreement or under laws, regulations or other understandings or agreements by which it is bound or for the conduct of its other businesses; and provided further, however, that Seller shall not be required to transfer to Purchaser any of the assets specified in this subsection (h) to the extent that such transfer is precluded pursuant to the provisions of a confidentiality agreement between Seller and a Person that is not an Affiliate of Seller or is otherwise prohibited by law unless and until the restrictions against such transfer have expired or otherwise terminated; and

(i) All assets and Rights which are distributed to Seller upon the liquidation of PECI pursuant to Section 6.14 including, without limitation, all of Seller's right, title and interest in and to the last \$245,000 distributed to Seller by PECI prior to the Closing, but not including any other cash or cash equivalent (other than PECI's accounts receivable) distributed to Seller by PECI prior to the Closing.

2.2. Shared Assets. The licensing of Shared Assets that constitute PCR Intellectual Property or Computer Programs, and the licensing back to Seller of certain rights in the Transferred Intellectual Property, shall be governed by the provisions of Section 2.8. With respect to Shared Assets other than PCR Intellectual Property and Computer Programs, and notwithstanding anything contained in Section 2.1 to the contrary, Purchaser shall acquire only the Shared Assets which are listed on Schedule 2.2.

2.3. Retained Assets. In addition to those assets of Seller relating exclusively to any of Seller's businesses other than the PCR Business, the following assets and property (collectively, the "Retained Assets") are to be retained by Seller and shall not constitute Acquired Assets:

(a) All insurance policies or bonds owned by Seller, including entitlements to the return of premiums on cancellation of policies, and all Rights of Seller of every nature and description under or arising out of such insurance policies;

(b) Except as specifically provided to the contrary in Section 2.1(i), all cash, negotiable securities, certificates of deposit, bonds, bank accounts, lock boxes, letters of credit and other cash equivalents, other than any of the foregoing securing open customer orders which are included in the Transferred Contracts;

(c) All losses, loss carry-forwards and Rights to receive refunds, credits and loss carry-forwards with respect to any and all taxes of Seller, whether incurred or accrued prior to or after the Closing Date, including without limitation interest payable with respect thereto; provided that Seller shall not have any Rights with respect to any losses, loss carry-forwards and Rights to receive refunds, credits and loss carry-forwards with respect to any and all

taxes of Purchaser for any period after the Closing Date;

(d) All real property owned or leased by Seller and all plants, buildings and improvements thereon;

(e) All Rights of Seller under this Agreement and the agreements and instruments executed and delivered to Seller by Purchaser pursuant to this Agreement;

(f) All Shared Assets except those that are listed on Schedule 2.2; and

(g) Those assets specifically identified as "Retained Assets" on Schedule 2.3(g).

2.4. Assumption of Liabilities. Purchaser shall not assume, discharge or perform any of Seller's Liabilities other than the following Liabilities of Seller (collectively, the "Assumed Liabilities"), all of which Purchaser will assume and pay, discharge or perform, as appropriate, from and after the Effective Time in accordance with the provisions of the Assumption Agreement:

(a) except only as set forth on Schedule 2.4(a), all Liabilities of Seller in respect of the Transferred Contracts, except to the extent, in respect of each Transferred Contract, the representations of Seller contained in Section 4.10(a) in respect of such Transferred Contract are untrue in any material respect at the Closing; provided, that Purchaser shall not assume, and does not hereby agree to pay, discharge or perform, any Damages which arise out of any breach or alleged breach by Seller of any such Transferred Contract prior to the Closing whether asserted before or after the Closing; and

(b) all of the Liabilities of PECI to third parties which Seller assumes or to which it is subject following the liquidation of PECI pursuant to Section 6.14 other than (i) the Liabilities of PECI to Seller or Perkin-Elmer except for the payables which PECI may owe Seller or Perkin-Elmer for goods or services PECI purchases from either of them in the ordinary course of PECI's business consistent with its past practice and (ii) the Liabilities of Seller and Perkin-Elmer to each other which arise out of or in connection with PECI or its liquidation.

with a copy (which shall not constitute notice) to its counsel:

Edward S. Rosenthal, Esq.
Fried, Frank, Harris, Shriver &
Jacobson
725 South Figueroa Street
Los Angeles, CA 90017
Telecopier No. (213) 689-1646

(ii) If to Purchaser:

Hoffmann-La Roche Inc.
340 Kingsland Street
Nutley, NJ 07110
Telecopier No. (201) 235-3500
Attn: General Counsel

with a copy (which shall not constitute notice) to its counsel:

Robert H. Winter, Esq.
Arnold & Porter
1200 New Hampshire Ave., N.W.
Washington, D.C. 20036
Telecopier No. (202) 872-6720

Each party may designate by notice in writing a new address to which any notice, demand, request or communication may thereafter be so given, served or sent. Each notice, demand, request, or communication which shall be mailed, sent, delivered, telefaxed or telexed in the manner described above, or which shall be delivered to a telegraph company, shall be deemed sufficiently given, served, sent or received for all purposes at such time as it is delivered to the addressee (with the return receipt, the delivery receipt or, with respect to a telex or telefax, the answerback being deemed conclusive evidence of such delivery) or at such time as delivery is refused by the addressee upon presentation.

13.3. Governing Law. This Agreement shall be governed by, and construed in accordance with, the laws of the State of New York, without giving effect to the conflicts of laws provisions thereof.

13.4. Captions. The captions in this Agreement are inserted for convenience of reference only and in no

The following Schedules apply to the Assets Purchase Agreement by and between Hoffmann-La Roche Inc. and Cetus Corporation to the extent applicable to the PCR Business of Cetus Corporation ("Seller") in the United States its possessions and the Commonwealth of Puerto Rico.

Index of Schedules

1. 2.1(a) Personal Property
2. 2.1(b) Inventory
3. 2.1(c) Transferred Intellectual Property
4. 2.1(d) Transferred Contracts
5. 2.1(e) Transferred Computer Programs

6. 2.2(g) Shared Assets
7. 2.3(g) Retained Assets

8. 4.0 Rider to Schedules 4.2(b), 4.3, 4.5(a)(b)(c)(d)
4.2(b) Exceptions to transferability and required consents
9. 4.3 Exceptions to title to Acquired Assets
10. 4.5(a) Exceptions to Transferred Intellectual Property
4.5(b) Exceptions to Licensed Intellectual Property
4.5(c) PCR Intellectual Property owned by Third Parties
4.5(d) Exceptions to PCR Intellectual Property
11. 4.6(a) Judicial, Administrative, Arbitral Claims against Seller
12. 4.6(b) Seller's pending actions
13. 4.8 Exceptions regarding judgements, decrees etc.
14. 4.9(a) Seller's permits
15. 4.9(b) PECL's permits
16. 4.10(a) List of Seller's contracts/commitments
4.10(b) Exceptions
17. 4.11 Exceptions to Ordinary Course since 6/30/90
18. 4.12 Adverse Developments
19. 4.13(a) Exceptions regarding Employee Claims
20. 4.14(a) List of PCRD Employees
4.14(b) List of PCRD Employee Benefits
21. 4.15(a) Exceptions regarding Seller's Tax Liens
22. 4.15(b) Exceptions regarding PECL's Tax Liens

- 23. 4.16(a) (i) Seller Environmental Permits
(ii) PECI Environmental Permits
- 4.16(b) Notices regarding violations
- 4.16(d) Exceptions regarding environmental warranty
- * 4.16(e) Exceptions regarding environmental liens
- 24. 4.17 Condition of Acquired Assets
- 25. 5.6 Purchaser litigation
- 26. 6.11 Forms of label licenses
- 27. 10.7 Exception to Section 10.7
- 28. 10.9(b) Employees
- 29. 13.1 Agreements not subject to Merger Clause
- 30. 13.16(b) Persons regarding non competition

PCR DIVISION

EQUIPMENT AND FURNITURE

EFFECTIVE NOVEMBER 30, 1991

DECEMBER 9, 1991

Asset			Room	TAG #	Dept #	Acqstn Date	Acqstn Value	Book Value
Code	#	Description						
M	02451	COPIER	R219	103166	0350	06/01/8	32,660	11,431
O	02666	COMPUTER, PERSONAL	R138	103354	0350	04/01/8	2,207	147
O	02860	COMPUTER, PERSONAL	R150	103780	0350	11/01/8	2,213	406
O	02700	COMPUTER, PERSONAL	R203	104574	0350	02/01/8	3,734	871
O	02701	COMPUTER, PRINTER	R134	104607	0350	07/01/8	2,119	671
O	02702	COMPUTER, PERSONAL	R134	104608	0350	07/01/8	2,953	935
O	02485	COMPUTER, PERSONAL	R134	104634	0350	02/01/8	5,349	2,318
V	00837	FURNITURE, MISC	RALL	NOTREQ	0350	10/01/8	6,146	0
V	00838	FURNITURE, MISC	RALL	NOTREQ	0350	10/01/8	2,955	0
Subtotal Admin							60,337	16,779
<hr/>								
G	01965	REFRIGERATOR	Q180	101230	0451	08/01/8	1,719	164
G	00020	REFRIGERATOR	Q182	103522	0451	07/01/8	1,734	0
G	01964	FREEZER	Q182	103523	0451	12/01/8	5,336	0
G	00021	PH METER	Q161	103525	0451	12/01/8	4,917	0
G	01967	SHAKER	Q161	103527	0451	02/01/8	3,128	521
G	00024	MULTISAMPLER	Q161	104605	0451	07/01/8	3,891	1,992
G	00023	FLUOMETER	Q161	104606	0453	07/01/8	7,886	4,037
G	00014	PIPETTER	Q161	104886	0451	06/01/8	2,356	1,178
<hr/>								
<hr/>								
Subtotal QA/QC							36,397	12,997
<hr/>								
O	02665	COMPUTER, PERSONAL	R128	103391	0591	04/01/8	2,207	147
1	03257	COMPUTER, PERSONAL	M	NOTREQ	0591	04/01/9	1,520	676
Subtotal Forensics							3,727	823
<hr/>								
O	02862	COMPUTER, PERSONAL	R148	103782	0592	11/01/8	2,213	406
Subtotal Business Development							2,213	406

HIGHLY CONFIDENTIAL
ATTORNEY'S EYES ONLY

RMS 06405

PCR DIVISION
 EQUIPMENT AND FURNITURE
 EFFECTIVE NOVEMBER 30, 1991
 DECEMBER 9, 1991

Asset		Room	TAG #	Dept #	Date.	Acqstn	Acqstn	Book
Code	#					Description	Value	Value
G	00650	CENTRIFUGE, FLOOR	M460	100141	0670	02/21/8	7,697	0
G	00930	REFRIGERATOR	M367	100432	0670	10/20/8	1,240	0
G	00989	BIO HOOD	M367	100433	0670	09/22/8	6,968	0
G	00931	INCUBATOR, CO2	M367	100434	0670	12/24/8	5,000	0
G	00990	LYOPHILIZER	M367	100436	0670	01/13/8	1,188	0
G	00991	VACUUM PUMP	M367	100438	0670	01/04/8	1,583	0
G	00994	VACUUM PUMP	M367	100439	0670	08/01/8	1,052	0
G	00997	INCUBATOR, SHAKER	M367	100442	0670	10/15/8	0	0
G	00998	INCUBATOR, SHAKER	M367	100443	0670	10/15/8	0	0
G	00999	CENTRIFUGE, MICRO	M367	100444	0670	10/15/8	0	0
G	00995	REFRIGERATOR	M367	100451	0670	06/01/8	1,725	0
G	00927	POWER SUPPLY	M367	100452	0670	05/19/8	1,312	0
G	01003	MISC, GRADIENT FRACTIO	M367	100454	0670	07/01/8	935	0
G	00925	INCUBATOR, OTHER	M367	100456	0670	03/06/8	699	0
G	00929	INCUBATOR	M367	100457	0670	12/21/8	2,119	0
G	00988	INCUBATOR, SHAKER	M367	100460	0670	11/24/8	2,094	0
G	00992	INCUBATOR, SHAKER	M367	100461	0670	01/01/8	1,780	0
G	00932	WATER BATH SHAKER	M367	100463	0670	12/04/8	2,182	0
G	00923	WATER BATH SHAKER	M367	100464	0670	05/15/7	1,300	0
G	00993	CENTRIFUGE, FLOOR	M367	100469	0670	01/01/8	20,680	0
G	01001	MICROSCOPE, COMPOUN	M367	100474	0670	10/15/8	0	0
G	01000	MICROSCOPE, OTHER	M367	100475	0670	10/15/8	0	0
G	01014	TABLE TOP SHAKER	M367	100495	0670	05/01/8	640	0
G	00928	INCUBATOR, SHAKER	M367	100564	0670	07/24/8	3,021	0
G	00562	TABLE TOP SHAKER	M460	100679	0670	01/07/8	786	0
G	00584	WATER BATH SHAKER	M460	100682	0670	10/15/8	0	0
G	02043	WATER BATH SHAKER	M460	100683	0670	12/01/8	2,036	0
G	00996	POWER SUPPLY	M367	100706	0670	08/01/8	1,606	153
G	00423	BALANCE	M343	101276	0670	07/28/8	2,155	0
G	01142	INCUBATOR, CO2	M460	101932	0670	08/03/8	4,611	0
G	01088	REFRIGERATOR	M460	101935	0670	09/30/8	1,423	0
G	01148	POWER SUPPLY	M460	102025	0670	07/09/8	1,046	0
G	01125	MICROSCOPE, INVERTED	M460	102477	0670	08/06/8	6,455	0
G	01196	CENTRIFUGE, TABLETOP	M460	102528	0670	01/01/8	1,000	0
G	01078	REFRIGERATOR	M460	102529	0670	03/19/8	1,661	0
G	01103	BIO HOOD	M460	102542	0670	01/29/8	1,098	0
G	01138	CENTRIFUGE, MICRO	M460	102565	0670	07/01/8	2,307	0
G	01086	REFRIGERATOR	M460	102576	0670	09/30/8	1,423	0
G	01174	CENTRIFUGE, OTHER	M460	102679	0670	07/01/8	1,380	312

PCR DIVISION
 EQUIPMENT AND FURNITURE
 EFFECTIVE NOVEMBER 30, 1991
 DECEMBER 9, 1991

Asset						Acqstn	Acqstn	Book
Code	#	Description	Room	TAG #	Dept #	Date	Value	Value
G	03215	THERMAL CYCLER	M367	103957	0670	02/01/9	5,767	4,257
G	01005	PCR MACHINE	M367	103985	0670	04/01/8	16,144	3,075
G	01004	CENTRIFUGE W/ROTOR	M367	104825	0670	05/01/8	7,306	3,566
G	01053	CENTRIFUGE, TABLETOP	M460	104840	0670	07/01/8	1,497	766
G	03053	THERMAL CYCLER	M460	105013	0670	08/01/8	6,185	4,123
G	03119	THERMAL CYCLER	M367	105062	0670	11/01/8	5,759	4,045
G	03211	THERMAL CYCLER	BACK	NOTREQ	0670	02/01/9	5,545	4,093
G	03206	ROTOR	M460	NOTREQ	0670	02/01/9	5,041	3,721
G	01002	RAPID SAMPLER	M236	NOTREQ	0670	07/01/8	2,549	0
O	03448	COMPUTER, PERSONAL	M367	XXX	0670	02/01/9	5,939	4,949
G	03473	THERMAL CYCLER	M367B	XXX	0670	05/01/9	8,731	8,004
G	03118	THERMAL CYCLER	M475	XXX	0670	11/01/8	5,759	4,045
Subtotal Human Genetics						176,424	52,635	
G	02089	INCUBATOR, SHAKER	H114	100147	0680	08/01/8	3,051	726
G	02138	CENTRIFUGE, TABLETOP	H114	100148	0680	10/01/8	1,225	321
G	01215	INCUBATOR, OTHER	H114	100149	0680	10/05/7	737	0
G	02086	CENTRIFUGE, MICRO	H114	100165	0680	04/01/8	1,018	49
G	00698	TABLE TOP SHAKER	H114	100167	0680	10/15/8	0	0
G	00613	INCUBATOR, SHAKER	H114	100168	0680	03/31/8	1,724	0
G	01030	SHAKER INCUBATOR	M228	100458	0680	07/01/8	2,923	0
G	00987	INCUBATOR, SHAKER	M385	100459	0680	11/24/8	2,094	0
G	00924	MICROSCOPE, INVERTED	H154	100467	0680	10/23/7	3,436	0
G	01031	REFRIGERATOR	M236	100490	0680	06/01/8	1,725	0
G	01032	SAFETY CABINET	M236	100493	0680	06/01/8	5,327	380
G	01025	TABLE TOP SHAKER	M236	100496	0680	09/18/8	9,056	0
G	01018	POWER SUPPLY	M220	100497	0680	02/08/8	1,985	0
G	01016	REFRIGERATOR	M220	100503	0680	08/31/8	1,643	0
G	01009	UV MONITOR	M220	100507	0680	11/29/7	2,311	0
G	01022	STRIPCHART RECORDER	M220	100509	0680	09/22/8	1,065	0
G	01011	FRACTION COLLECTOR	M220	100510	0680	10/08/8	1,251	0
G	01023	CENTRIFUGE, TABLETOP	M220	100511	0680	11/29/8	3,910	0
G	01038	PRO/PETTE PRO/WASH PL	M236	100513	0680	05/01/8	12,746	0
G	00173	BALANCE	M228	100520	0680	03/04/8	1,645	0
G	01012	WATER BATH	M220	100521	0680	10/21/8	934	0
G	01006	WATER BATH SHAKER	BR	100526	0680	10/24/7	990	0

PCR DIVISION

EQUIPMENT AND FURNITURE

EFFECTIVE NOVEMBER 30, 1991

DECEMBER 9, 1991

Asset		Room	TAG #	Dept #	Date	Acqstr	Acqstr	Book
Code	#					Description	Value	Value
O	02743	COMPUTER, TERMINAL	M228A	100529	0680	02/02/8	1,274	0
O	02746	COMPUTER, PERSONAL	M116	100530	0680	05/01/8	3,349	0
G	01021	INCUBATOR, CO2	M244	100532	0680	12/18/8	4,610	0
G	00543	REFRIGERATOR	M220	100533	0680	08/31/8	1,643	0
G	01026	CENTRIFUGE, FLOOR	M228	100539	0680	01/01/8	20,680	0
G	01047	BIO HOOD	M220	100541	0680	08/01/8	5,559	0
G	02117	MICROSCOPE, INVERTED	M220	100542	0680	04/01/8	6,218	296
G	01019	REFRIGERATOR	M385	100547	0680	03/09/8	2,164	0
G	01015	REFRIGERATOR	M385	100548	0680	10/20/8	1,240	0
G	02120	POWER SUPPLY	M385	100550	0680	04/01/8	1,633	78
G	01054	POWER SUPPLY	M385	100551	0680	09/01/8	1,632	0
G	01020	BIO HOOD	M385	100557	0680	11/25/8	6,427	0
G	01008	CENTRIFUGE, TABLETOP	M385	100559	0680	02/04/8	1,677	0
G	00704	CENTRIFUGE, TABLETOP	H154	101042	0680	01/01/8	2,875	856
G	00646	CENTRIFUGE, MICRO	H154	101044	0680	01/19/8	854	0
G	02115	FREEZER	M244	101749	0680	12/01/8	5,336	0
G	01029	FREEZER	M244	101750	0680	12/01/8	4,897	0
H	02121	SONICATOR	M244	101767	0680	04/01/8	2,033	678
G	01074	REFRIGERATOR	H114	102596	0680	03/23/8	1,193	0
G	01064	INCUBATOR, SHAKER	H154	103021	0680	06/01/8	3,407	1,217
G	01065	MICROPLATE READER	M236	103601	0680	07/01/8	9,999	3,690
G	01037	CENTRIFUGE, ROTOR	M220	103605	0680	07/01/8	4,772	1,761
O	02748	COMPUTER, PERSONAL	M220	103759	0680	12/01/8	4,033	807
G	01039	PUMP	M220	103760	0680	12/01/8	3,368	1,444
G	01040	PUMP	M220	103761	0680	12/01/8	3,368	1,444
G	01041	MANOMETRIC MODULE	M220	103762	0680	12/01/8	1,065	456
G	01042	UV DETECTOR	M220	103763	0680	12/01/8	6,875	2,946
G	01043	FRACTION COLLECTOR	M220	103764	0680	12/01/8	3,076	1,318
G	01045	HPLC MIXER AND HOLDER	M220	103765	0680	12/01/8	2,042	875
Q	01044	SOFTWARE, HPLC	M220	103770	0680	12/01/8	2,354	460
G	01028	PH METER	M220	103833	0680	01/01/7	2,733	0
G	02119	CELL DISRUPTER	M244	103976	0680	12/01/8	1,196	171
G	01068	INCUBATOR	M220	104232	0680	04/01/8	5,345	3,308
G	01049	PCR MACHINE	OFFSI	104236	0680	12/01/8	2,000	839
G	01051	PCR MACHINE	OFFSI	104237	0680	12/01/8	2,000	839
G	01050	PCR MACHINE	OFFSI	104238	0680	12/01/8	2,000	839
G	01052	CENTRIFUGE, MICRO	M385	104310	0680	02/01/8	1,523	689
G	03283	THERMAL CYCLER	M236	104682	0680	05/01/9	5,781	4,473
G	01035	THERMAL CYCLER	H141	104683	0680	06/01/8	6,185	3,976

PCR DIVISION
 EQUIPMENT AND FURNITURE
 EFFECTIVE NOVEMBER 30, 1991
 DECEMBER 9, 1991

Asset						Acqstn	Acqstn	Book
Code	#	Description	Room	TAG #	Dept #	Date	Value	Value
G	01070	REFRIGERATOR	M228	104815	0680	05/01/8	2,388	1,166
G	01034	DNA THERMAL CYCLER	M385	104899	0680	07/01/8	6,185	0
L	00139	HOOD	M220	104956	0680	08/01/8	5,180	3,454
L	00140	BIO HOOD	M236	104973	0680	01/01/8	5,268	3,732
G	03052	THERMAL CYCLER	H114	105009	0680	08/01/8	6,185	4,123
G	01033	MICROSCOPE, INVERTED	M220	NOTREQ	0680	07/01/8	899	75
O	02118	PRINTER	M236	NOTREQ	0680	04/01/8	2,752	0
G	01046	PCR MACHINE #3	UNKN	NOTREQ	0680	07/01/8	12,032	4,440
						Subtotal Infectious Diseases	250,102	51,924
G	00184	UV MONITOR	M228	100492	0681	09/01/8	2,082	0
G	00186	BIO HOOD	M228	100514	0681	11/01/8	4,247	1,163
G	00187	BIO HOOD	M228	101021	0681	10/15/8	0	0
O	02749	COMPUTER, PERSONAL	M236	103038	0681	05/01/8	1,288	107
G	01062	BALANCE	M228	103602	0681	07/01/8	1,894	699
G	03346	PLATE READER	M385	103955	0681	07/01/9	16,213	12,932
G	03217	THERMAL CYCLER	M385	103956	0681	02/01/9	5,772	4,260
G	01060	THERMAL CYCLER	OFFSI	103984	0681	07/01/8	6,185	3,166
G	01057	THERMAL CYCLER	OFFSI	104211	0681	07/01/8	6,185	3,166
G	01059	THERMAL CYCLER	OFFSI	104212	0681	07/01/8	6,185	3,166
G	01058	THERMAL CYCLER	OFFSI	104214	0681	07/01/8	6,185	3,166
G	01056	THERMAL CYCLER	OFFSI	104216	0681	07/01/8	6,185	3,166
G	01055	THERMAL CYCLER	OFFSI	104217	0681	07/01/8	6,185	3,166
G	01067	PCR MACHINE	OFFSI	104223	0681	12/01/8	2,000	839
G	01061	THERMAL CYCLER	OFFSI	104899	0681	07/01/8	6,185	3,166
G	01069	CONCENTRATOR SYSTEM	M228	105087	0681	07/01/8	5,442	3,563
G	02122	CENTRIFUGE, ROTOR	M	NOTREQ	0681	04/01/8	4,294	204
G	01066	PCR MACHINE #5	OFFSI	NOTREQ	0681	07/01/8	18,608	6,867
G	03470	THERMAL CYCLER	[REDACTED]	[REDACTED]	0681	05/01/9	7,287	X
G	03472	THERMAL CYCLER	M385	XXX	0681	05/01/9	8,731	8,004
G	03470	THERMAL CYCLER	[REDACTED]	[REDACTED]	0681	07/01/9	7,287	X
G	03471	THERMAL CYCLER	M385	XXX	0681	05/01/9	8,731	8,004
						Subtotal Infectious Disease Admin	138,602	83,857
G	01956	AUTOCLAVE	F	100242	0701	07/01/8	13,759	3,112

PCR DIVISION
 EQUIPMENT AND FURNITURE
 EFFECTIVE NOVEMBER 30, 1991
 DECEMBER 9, 1991

Asset			Room	TAG #	Dept #	Date	Acqstn	Acqstn	Book
Code	#	Description					Value	Value	
G	01252	FREEZER	Q160C	101173	0701	07/01/8	4,039		0
G	01256	MISC, VACUUM LEVEL CO	Q160C	101174	0701	09/01/8	2,309		0
G	01255	MICROPROCESSOR	Q160C	101175	0701	09/01/8	8,602		0
G	01250	LYOPHILIZER	WHSE	101177	0701	07/01/8	50,555		0
G	01251	FREEZER, LN2	WHSE	101178	0701	07/01/8	2,432		0
G	01240	CENTRIFUGE, FLOOR	Q160C	101179	0701	07/26/7	7,285		0
G	01249	CENTRIFUGE, FLOOR	Q160C	101185	0701	05/01/8	9,383		0
G	01248	REFRIGERATOR	Q182	101189	0701	12/01/8	1,629		0
G	01242	BIO HOOD	Q160C	101190	0701	11/01/8	2,713		0
G	01243	MISC, LABELER	F	101191	0701	11/01/8	14,593		0
G	01241	REFRIGERATOR	Q160	101192	0701	01/02/7	1,562		0
G	01246	REFRIGERATOR	Q160	101193	0701	12/01/8	1,629		0
G	01254	FRACTION COLLECTOR	Q160	101196	0701	09/01/8	2,528		0
G	01244	BALANCE	Q160	101224	0701	01/01/8	1,784		0
G	01245	BALANCE	Q160	101225	0701	02/01/8	2,555		0
G	01247	REFRIGERATOR	Q160	101226	0701	12/01/8	1,629		0
O	02698	COMPUTER, PERSONAL	R213	103170	0701	10/01/8	4,270		0
G	00387	PHASTSYSTEM	Q160	103467	0701	06/01/8	6,905	2,466	
G	01745	SPECTROPHOTOMETER	Q160	103528	0701	03/01/8	17,136	612	
G	01744	TMP CNTRL BRD/ADD #174	Q160	103528D	0701	04/01/8	2,290	109	
G	01238	PUMP	Q160	103636	0701	07/01/8	3,592	1,325	
G	01239	PUMP	Q160	103637	0701	07/01/8	3,592	1,325	
G	01237	FRACTION COLLECTOR	Q160	103638	0701	07/01/8	1,012	374	
G	01236	STRIPCHART RECORDER	Q160	103640	0701	07/01/8	1,411	521	
G	01235	FPLC CONTROLLER	Q160	103641	0701	07/01/8	5,969	2,203	
G	01253	PUMP, DILUTER	Q160	103817	0701	09/01/8	2,528	0	
O	02753	COMPUTER, PERSONAL	Q160	104003	0701	02/01/8	1,592	371	
G	03296	PUMP, HPLC	M220	104039	0701	06/01/9	5,870	4,612	
G	03297	PUMP, HPLC	M220	104040	0701	06/01/9	5,870	4,612	
G	03298	UV DETECTOR, HPLC	M220	104041	0701	06/01/9	8,316	6,534	
G	03299	AUTO INJECTOR & SOFTW	M220	104042	0701	06/01/9	17,722	13,924	
L	03300	HOOD	C148A	104681	0701	06/01/9	6,371	5,416	
G	03025	LAMINAR FLOW HOOD	F	105008	0701	07/01/8	6,032	3,949	
G	03121	DNA SYNTHESIZER	M427	105068	0701	11/01/8	50,151	35,225	
O	03175	PRINTER	F	105094	0701	01/01/9	8,506	5,245	
I	03267	COMPUTER, PERSONAL	M220	NOTREQ	0701	05/01/9	3,764	2,912	
I	03209	COMPUTER, PERSONAL	R117	NOTREQ	0701	02/01/9	2,051	798	
G	03443	MEMBRANE CUTTER		XXX	0701	02/01/9	21,644	19,067	
G	01188	PRO/PETTE	M202	103632	0702	05/01/8	12,546	0	

PCR DIVISION
 EQUIPMENT AND FURNITURE
 EFFECTIVE NOVEMBER 30, 1991
 DECEMBER 9, 1991

Asset						Acqstn	Acqstn	Book
Code	#	Description	Room	TAG #	Dept #	Date	Value	Value
G	01234	UV MONITOR	M220	103642	0702	07/01/8	12,089	4,461
G	01257	CONTROLLER	M220	104235	0702	05/01/8	6,836	4,313
G	03478	VAC CONCENTRATOR SYS M	XXX		0702	06/01/9	8,754	8,128
G	03446	SPECTROPHOTOMETER	XXX		0702	02/01/9	8,186	7,211
G	03445	SPECTROPHOTOMETER	XXX		0702	02/01/9	8,186	7,211
G	03418	HPLC SYSTEM	M220	XXX	0702	11/01/9	37,940	32,068
G	03419	HPLC SYSTEM (WATER) *	M220	XXX			32,134	X
I	03453	VESSEL, GLASS 14 LITER	M100B	XXX	0702	03/01/9	14,336	12,800
I	03484	LABELLER	Q160	XXX	0704	06/01/9	11,689	10,854

Subtotal Manufacturing 486,549 249,327

G	00488	MICROSCOPE, INVERTED	M325A	101336	0711	01/01/8	7,050	0
G	00720	SPECTROPHOTOMETER	M326	104822	0711	05/01/8	7,016	3,424

Subtotal Raymond Department 14,066 3,424

G	01229	PRO/PETTE	H120	100124	0712	06/01/8	3,764	0
G	00663	POWER SUPPLY	H169	100157	0712	01/15/8	1,605	0
G	01220	PLATE READER	H120	100501	0712	10/03/8	11,205	0
G	01218	CENTRIFUGE, MICRO	H169	100978	0712	10/03/8	1,005	0
G	01226	UV MONITOR	H169	100979	0712	01/01/7	2,577	0
G	01214	FRACTION COLLECTOR	H169	100980	0712	05/07/7	1,341	0
G	01216	FRACTION COLLECTOR	H120	100981	0712	01/29/8	1,017	0
G	01219	SHAKER, TABLETOP	H120	100985	0712	12/17/8	1,141	0
G	01228	INCUBATOR, SHAKER	H167	100986	0712	01/01/7	1,780	0
G	01222	POWER SUPPLY	H167	100987	0712	03/23/8	1,626	0
G	01211	SPECTROPHOTOMETER	H167	100988	0712	06/22/7	7,319	0
G	01223	CENTRIFUGE, OTHER	H167	100992	0712	06/05/8	1,166	0
G	00638	CENTRIFUGE, MICRO	H167	101007	0712	10/03/8	1,005	0
G	01225	INCUBATOR, SHAKER	H167	101012	0712	01/01/8	1,780	0
G	01221	CENTRIFUGE, MICRO	H120	101035	0712	05/15/8	815	0