

By order of PPL Therapeutics



**LIVE AND WEBCAST AUCTION SALE**

# Protein Isolation and Extraction, Quality Control and General Laboratory Equipment

Offers invited for the principal items  
in advance of the Auction

*Also*

## **FARM MACHINERY AND EQUIPMENT**

(Availability subject to potential prior sale with farm)

At: PPL Therapeutics, East Mains, Ormiston  
East Lothian EH35 5NG, Scotland

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On: Tuesday 9th December 2003 At 10.30 AM

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On View: Monday 8th December 2003

**AUCTION**



GoIndustry

**HENRY  
BUTCHER**

INDUSTRIAL ASSET DISPOSAL & VALUATION

[www.henrybutcher.com](http://www.henrybutcher.com)

**Centrifuges**

Alfa Laval 'BTPX' 10,000G Continuous Bowl Stack Centrifuges With Gear Type Feed Pump, Water Seal Filter And Watson Marlow 604 Seal Water Pump (Qty 3 – 1994, 1 – 1998), Buffer Batch Control, SS Mobile WFI Supply And Glycol Return Skid  
 Alfa Laval Sharples 'AS26' Skid Mounted Decanting Centrifuge With Watson Marlow '604' Pump  
 Sigma '2-15' Laboratory Centrifuge  
 Delaval Cream Separators (Qty 3)  
 Gerber Instruments Bench Top Centrifuge  
 Denver Instruments 'Force14' Micro Centrifuge  
 Heraeus 'Biofuge 13' Micro Centrifuge

**Chromatography**

Pharmacia Biotech Controller Chromatography Units Each With Resin Column And High Precision Pump, 2 Micromotion Mass Flow Meters And PC Control (Qty 4)  
 HP '1100 Series' HPLC With 'G1322A' Degasser, 'G1312A' Binary Pump, 'G1313A' Auto Sampler, 'G1316A' Column Oven, 'G1321A' Fluorescence Detector, 'G1314A' Variable Wavelength Detector And Solvent Tray And HP 'P2' Computer Control And Monitor  
 HP '1050' Series HPLC With Pump Unit, Auto Sampler, Programmable Variable Wavelength Detector And Solvent Tray With Gilson '121' Fluorometer Fluorescence Detector

**Ultra Filtration**

Millipore Packaged Solvent Detergent Ultra Filtration Units (Qty 2)  
 Millipore 'Viresolve' Virus Removal Ultra Filtration Unit  
 Micon Bench Top Ultra Filtration Unit

**Analytical, Microscope & Balances**

Beckman 'DU640' Spectrometer  
 Jenway '6405' UV/Vis Spectrometer  
 Savant Integrated Speedvac Vacuum Concentrator With Condenser  
 Olympus 'CH30' Microscope  
 Mettler Toledo '340' Ph Meters (Qty 3)  
 Hanna 'HI9321' Ph Meter  
 Jenway '4310' Conductivity Meters (Qty 2)  
 Sartorius 'BP16000S', 'BP1200' And 'BP61' Balances  
 Mettler Toledo 'DT30J' Balance With Printer  
 Mettler Toledo 'ID1' Balance  
 Mettler Toledo PR5002 Balance With Printer (Qty 2)  
 Arpege 600 Kg Floor Scales With SS Ramp  
 Nova Weigh SS Floor Scales With Printer



*Alfa Laval 'BTPX' 10,000G Centrifuge*



*Pharmacia Biotech Chromatography Unit*



*Millipore Viresolve Packaged Ultra Filtration Unit*



*Arpege 600KG Floor Scales*



*Sterilising Equipment Company Autoclave*



Assab -85°C Freezer

**Bioscience, Autoclaves, Incubators And Ovens**

- Bio Whittaker Kinetic QCL Plate Reader With PC Control
- Bio Whittaker 'ELX808' Plate Reader
- Dynex 'MRXII' Micro Plate Reader
- Biorad 'PAC1000' Electrophoresis Power Supply
- HS Primaclave '250' Bench Top Autoclave
- Sterilizing Equipment Company Autoclaves With PACS 2000 Control (Qty 2)
- Sanyo Versatile Environmental Test Chambers (Qty 2 - 2002)
- LMS Cooled Incubators (Qty 2)
- Heraeus Incubators (Qty 2)
- Hamo 'T21' Utensil Washing Machine
- Gallenkamp 'Plus II' Laboratory Oven
- Phillip Harris Laboratory Oven

**Chill Room, Freezers And Refrigerators**

- Chill Room For Samples (+4°C) - Approx 6m X 2.5m
- Assab -85°C Freezer (Qty 2)
- SS Clad Upright Freezer -70°C
- Cryotechnics SS Clad (Qty 2), Camlab And Chest Freezers -40°C (Qty 5)
- Cryotechnics (Qty 2) & Elecold Laboratory Freezers (Qty 2)
- Cryotechnics (Qty 3), Lec And Various Laboratory Refrigerators (Qty 6)

**Downflow Booths And Laminar Flow Cabinets**

- Extract Technology '2022LB', '1774/2/1.5' And '1774/1/LB Mkiv/2' Downflow Booths
- Extract Technology Roof Mounted Downflow Booth
- Envair Filtered Safety Cabinets (Qty 2)
- Heraeus Laminair 'HB2436' Laminar Flow Booth
- Mobile Laminar Flow Hoods (Qty 8)
- Millipore 'Milliflex' Air Sampling Unit,
- Royco '245A' Particle Counters (Qty 2)
- Kaye Thermal Mapping Equipment With 'LTR140' Temperature Reference Block And 'KL' Validator

**General Laboratory Equipment**

- Stuart Scientific 'SM1' (Qty 2) And 'SM8' (Qty 2) Magnetic Stirrers
- Stuart Scientific 'SA6' Test Tube Shakers (Qty 3)
- Techne 'DB2A' Block Heaters (Qty 2)
- Denley Plate Shaker
- Grant & Clifton Water Baths (Qty 4)
- Heidolph 'RZR' Agitator
- Single And Multi Probe Manual Pipettes (Qty 25)
- Watson Marlow Peristaltic Pumps - Around Type '5045' (Qty 5), '7015' & '6045' (Qty 2)



Sanyo Versatile Environmental Test Chamber



LMS Cooled Incubator



Extract Technology '2022LB' Downflow Booth



Olympus 'CH30' Microscope



HP '1100 Series' HPLC



Beckman 'DU640' Spectrometer



Range of Laboratory Equipment



Hyster 'H 1.5XM' LPG Forklift Truck



Broom and Wade Compare 'Cyclon 6040N' Air Compressor



CIP System

### Mobile Vessels

Vestec 250 Lt SS Mobile Vessels With Magnetic Drive Agitators (Qty 20)

Vestec 250 Lt Jacketed SS Mobile Vessels (Qty 5)

Various SS Vessels (50 – 300 Lt) (Qty 10)

Magmix Magnetic Drive Units (Qty 10)

Mobile Polypropylene Vessels (Qty 12)

Portable SS Pump Units (Qty 4)

### General

Hyster 'H1.5XM' 1500 Kg LPG Fork Lift Truck With Access Cage Attachment (1997)

Colchester Chipmaster 5 X 20 SS & SC Lathe

Arboga 'E100SL' Pedestal Drill

20ft Cargo Container Stores With Lighting And Heating (Qty 4)

General Laboratory Furniture

Office Machines And Furnishings

### Services

Ponzini 'BD800' 800 Lt/Hr Thermo Compression WFI Production Plant With PC Controls And DPI 5400 Lt SS Holding Tank

COR Pharmaceutical Equipment 1200 Lt/Hr Reverse Osmosis Water Purification Plant To 1.2Ms With 'ELX8' Deioniser, Holding Tank And Hanovia 'WS2146BM' U/V Steriliser And Spare Pump

Sterilizing Equipment Company 400 Kg/Hr Clean Steam Generator With PACS 2000 Control

Broom & Wade Compair 'Cyclon 222' Screw Type Air Compressor

Broom & Wade Compair 'Cyclon 6040N10A' Skid Mounted Screw Type Air Compressor With Domnick

Hunter CX102 Air Dryer, SE2015 Oil/Water Separator And Air Receiver

CIP System with 5000ltr Reagent Tanks, Bulk Caustic Tanks, Reagent Make Up Tanks and CIP Control

## FARM MACHINERY & EQUIPMENT

(Availability Subject To Potential Prior Sale Of Farm)

### Tractors And Attachments

John Deere '6310' (2000 Y)  
 John Deere '3400 SE' (1998 R)  
 Ford '5030' (1995 M)  
 Ford '1220' With Lewis 'Land Lugger' Front Loader (1996 N)  
 Stuart Twin Axle Straw Trailer (1997)  
 Keenan '100 Klassik' Diet Feeder (2003)  
 Welger 'RP220 Profi' Round Baler  
 Tranco '280-ARC' Bale Wrapper  
 Lely 'Lotus Stabilo' Rotary Tedder (2001)  
 Cormall 'H01 770' Straw Chopper  
 Amazone 'N1800 2A-M' Compact Ferti Spreader  
 Wylie 'WH160' Topper (1998)  
 Lely '240 LC Splendimo' Mower

### Vehicles And Handlers

Landrover 'Defender 90 Tdi' (Qty 2 1997 P)  
 Citroen 'Berlingo' Diesel Van (2000 W)  
 Manitou 'Manireach MLT 523' Telescopic Handler (Qty 2 1997 / 94)

### Milking And General Equipment

24 Stall Milking Parlour For Ovines With Collinson Bulk Feed Hopper With Kongskilde Feed Blower Unit, Automatic Feed Dispensers And Conveyor  
 Milk Tanks, Fullwood CIP Systems, Vacuum Pumps And Connections  
 Feeders, Milking Stands, Etc



Sterilizing Equipment Company 400kg / hr Steam Generator



1994

Manitou 'Manireach MLT 523' Telescopic Handler



2003

Keenan '100 Klassik' Diet Feeder



1996

Ford '1220' Front Loading Tractor



1998 R

John Deere '3400SE' Tractor



Welger 'RP220 Profi' Round Baler



Ovine 24 Stall Milk Parlour



Cormall 'H01770' Straw Chopper



1997 P

Landrover 'Defender 90' Station Wagon

**OFFERS INVITED  
FOR MAJOR ITEMS  
PRIOR TO AUCTION**

Contact James Hague

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BUTCHER**

GoIndustry INDUSTRIAL ASSET DISPOSAL & VALUATION

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**Webcast Helpline: +44 (0)20 7691 8293**

**Directions**

**From Airport:** Head towards Edinburgh on the A8 for approx. 1½ miles then join the A720 City Bypass and follow this all the way to the A1 (approx. 12 miles).

Take the A1 in the direction of Berwick Upon Tweed. Leave the A1 at the Tranent junction (A199). Turn right at the junction and go through Tranent and follow signs for Ormiston (B6371).

Approx. ½ mile out of Tranent the Elphinstone Research Centre is sign posted on the right. Continue past this for a further ½ mile until you reach a white cottage on your left. Turn left down the lane directly after the cottage. Look out for direction posters.

**Clearance**

All lots to be cleared no later than Thursday 8th January 2004. The premises will be closed between Friday 19th December and Monday 5th January.

**Buyers Premium**

A buyers premium of 10% + VAT is charged to the purchaser. An additional 3.5% + VAT will be charged to Webcast purchasers.

**Conditions of Sale**

All goods will be sold in accordance with the auctioneers standard conditions of sale which will be detailed in the sale catalogue. Further information will be available on request.

**Important Notice**

Although information has been obtained from sources deemed reliable, Henry Butcher make no warranty or guarantee, expressed or implied, as to the accuracy of the information contained herein.

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