

# NCI-Frederick Services Catalog FY08 Pricing Update

*Services listed herein are available to NCI affiliated requestors on an open or limited-access "fee for service" basis. Services may also be available to non-NCI requestors; however, the listed prices are for NCI affiliated requestors and does not include a management support allocation. This charge will be assessed to non-NCI requestors and will be in addition to the listed price.*

## AIDS VACCINE PROGRAM

SAIC-Frederick

<http://ccr.cancer.gov/labs/lab.asp?labid=70>

The AIDS Vaccine Program (AVP) has pursued an integrated, multidisciplinary program of basic and applied studies aimed at the development of an effective vaccine for the prevention of HIV-1 infection and AIDS.

Item Description	FY08 Price
HIV-1 p24 PLATE, EACH	\$39.08
QUANTITATIVE MOLECULAR DIAGNOSTICS	\$45.00
REPLACEMENT ANTISERA	\$138.70
REPLACEMENT STANDARD	\$5.51
SIV p28 ANTIGEN CAPTURE KIT, EACH	\$39.08

## ANIMAL CARE & TECHNICAL SUPPORT

SAIC-Frederick

[http://web.ncifcrf.gov/rtp/lasp/intra/ahts/hold\\_tech\\_support.asp](http://web.ncifcrf.gov/rtp/lasp/intra/ahts/hold_tech_support.asp)

Animal Holding encompasses high-quality facilities and resources at NCI-Frederick and Bethesda, which ensure that research animals are housed, handled and cared for in a humane manner in a healthful, controlled environment.

Item Description	FY08 Price
ANIMAL HOLDING, GUINEA PIG (CAGE), PER WEEK	\$4.44
ANIMAL HOLDING, HAMSTER (CAGE), PER WEEK	\$4.44
ANIMAL HOLDING, MOUSE (CAGE/BOTTLE-BONNET), PER WEEK	\$3.60
ANIMAL HOLDING, MOUSE (CAGE/ISOLATOR), PER WEEK	\$9.12
ANIMAL HOLDING, MOUSE (CAGE/RIGID ISOLATOR), PER WEEK	\$5.93
ANIMAL HOLDING, MOUSE (CAGE/SPECIAL), PER WEEK	\$5.15
ANIMAL HOLDING, RAT (CAGE/BOTTLE-BONNET), PER WEEK	\$4.44
ANIMAL HOLDING, RAT (CAGE/ISOLATOR), PER WEEK	\$8.85
BIOCON: CONV. RODENT (CONGENIC MICE) – PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$34.26
BIOCON: CONV. RODENT (CONGENIC MICE) – PURCHASES PREGNANTS (1 ANIMAL)	\$31.18
BIOCON: CONV. RODENT (CONGENIC MICE) – PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$9.12
BIOCON: CONV. RODENT (CONGENIC MICE) – PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$8.27
BIOCON: CONV. RODENT (HAMSTERS) PURCHASES ALL HAMSTERS (1 ANIMAL)	\$15.79
BIOCON: CONV. RODENT (HYBRID MICE) – PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$28.91

BIOCON: CONV. RODENT (HYBRID MICE) – PURCHASES PREGNANTS (1 ANIMAL)	\$25.24
BIOCON: CONV. RODENT (HYBRID MICE) – PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$4.56
BIOCON: CONV. RODENT (HYBRID MICE) – PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$6.01
BIOCON: CONV. RODENT (INBRED MICE) - PURCHASES MOTHERS WITH LITTERS* (1 GROUP)	\$36.10
BIOCON: CONV. RODENT (INBRED MICE) - PURCHASES PREGNANTS* (1 ANIMAL)	\$29.73
BIOCON: CONV. RODENT (INBRED MICE) - PURCHASES RETIRED BREEDERS* (1 ANIMAL)	\$4.56
BIOCON: CONV. RODENT (INBRED MICE) - PURCHASES WEANLING – YOUNG ADULT* (1 ANIMAL)	\$7.01
BIOCON: CONV. RODENT (INBRED RATS) - PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$44.13
BIOCON: CONV. RODENT (INBRED RATS) - PURCHASES PREGNANTS (1 ANIMAL)	\$36.66
BIOCON: CONV. RODENT (INBRED RATS) - PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$10.66
BIOCON: CONV. RODENT (INBRED RATS) - PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$11.91
BIOCON: CONV. RODENT (NUDE MICE) – PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$40.94
BIOCON: CONV. RODENT (NUDE MICE) – PURCHASES PREGNANTS (1 ANIMAL)	\$32.55
BIOCON: CONV. RODENT (NUDE MICE) – PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$9.69
BIOCON: CONV. RODENT (NUDE MICE) – PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$21.20
BIOCON: CONV. RODENT (NUDE RATS) - PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$52.44
BIOCON: CONV. RODENT (NUDE RATS) - PURCHASES PREGNANTS (1 ANIMAL)	\$45.60
BIOCON: CONV. RODENT (NUDE RATS) - PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$10.66
BIOCON: CONV. RODENT (NUDE RATS) - PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$28.96
BIOCON: CONV. RODENT (OUTBREED MICE) – PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$11.34
BIOCON: CONV. RODENT (OUTBREED MICE) – PURCHASES PREGNANTS (1 ANIMAL)	\$8.72
BIOCON: CONV. RODENT (OUTBREED MICE) – PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$2.28
BIOCON: CONV. RODENT (OUTBREED MICE) – PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$2.86
BIOCON: CONV. RODENT (OUTBREED RATS) - PURCHASES MOTHERS WITH LITTERS (1 GROUP)	\$27.59
BIOCON: CONV. RODENT (OUTBREED RATS) - PURCHASES PREGNANTS (1 ANIMAL)	\$22.57
BIOCON: CONV. RODENT (OUTBREED RATS) - PURCHASES RETIRED BREEDERS (1 ANIMAL)	\$10.66
BIOCON: CONV. RODENT (OUTBREED RATS) - PURCHASES WEANLING – YOUNG ADULT (1 ANIMAL)	\$5.93
BIOCON: CONVENTIONAL RODENTS BREEDING PROCEDURES (1 ANIMAL)	\$15.77
BIOCON: CONVENTIONAL RODENTS EUTHANASIA (1 ANIMAL)	\$12.74
BIOCON: CONVENTIONAL RODENTS INTRADERMAL INJECTIONS (INCLUDES SHAVING) (1 INJECTION)	\$34.41
BIOCON: CONVENTIONAL RODENTS INTRAMUSCULAR INJECTIONS (1 INJECTION)	\$3.69
BIOCON: CONVENTIONAL RODENTS INTRAVENOUS INJECTIONS (1 INJECTION)	\$51.00
BIOCON: CONVENTIONAL RODENTS ORGAN COLLECTION (1 ANIMAL)	\$25.50
BIOCON: CONVENTIONAL RODENTS PER DIEM (1 CAGE/DAY)	\$2.56

BIOCON: CONVENTIONAL RODENTS PICK UP/ DELIVERIES (INCLUDES APPROPRIATE CONTAINER) (1 ROUNDTRIP)	\$41.78
BIOCON: CONVENTIONAL RODENTS SHIPPING BOXES (1 BOX)	\$14.75
BIOCON: CONVENTIONAL RODENTS SUBCUTANEOUS INJECTIONS (1 INJECTION)	\$3.69
BIOCON: CONVENTIONAL RODENTS SURVIVAL BLOOD COLLECTION (1 BLEED)	\$17.20
BIOCON: CONVENTIONAL RODENTS TAIL SNIPS (1 ANIMAL)	\$10.06
BIOCON: CONVENTIONAL RODENTS TERMINAL BLOOD COLLECTION/BLEED OUT (1 BLEED)	\$25.50
BIOCON: CONVENTIONAL RODENTS VETERINARY CARE (NOT COVERED ELSEWHERE) (1 HOUR)	\$159.74
BIOCON: DNA ISOLATION/ GENOTYPING DNA ISOLATION (FROM BLOOD) (1 ISOLATION)	\$30.60
BIOCON: DNA ISOLATION/ GENOTYPING DNA ISOLATION (FROM TAIL SNIPS) (1 ISOLATION)	\$38.26
BIOCON: DNA ISOLATION/ GENOTYPING GENOTYPING (WITH PRIMERS PROVIDED BY SAIC-FREDERICK) (1 ANALYSIS)	\$36.34
BIOCON: GUINEA PIGS BREEDING PROCEDURES (1 ANIMAL)	\$15.77
BIOCON: GUINEA PIGS EUTHANASIA (1 ANIMAL)	\$12.74
BIOCON: GUINEA PIGS GUINEA PIG PURCHASE; MIX/MATCH SEX 300-350G (1 ANIMAL)	\$67.90
BIOCON: GUINEA PIGS GUINEA PIG PURCHASE; SPECIFIED SEX 300-350G (1 ANIMAL)	\$95.02
BIOCON: GUINEA PIGS IAF HAIRLESS; 500G, EITHER SEX (1 ANIMAL)	\$201.30
BIOCON: GUINEA PIGS INTRADERMAL INJECTIONS (INCLUDES SHAVING) (1 INJECTION)	\$34.41
BIOCON: GUINEA PIGS INTRAMUSCULAR INJECTIONS (1 INJECTION)	\$3.69
BIOCON: GUINEA PIGS INTRAVENOUS INJECTIONS (1 INJECTION)	\$51.00
BIOCON: GUINEA PIGS ORGAN COLLECTION; LYMPH NODES (1 ANIMAL)	\$25.50
BIOCON: GUINEA PIGS ORGAN COLLECTION; SPLEEN (1 ANIMAL)	\$17.20
BIOCON: GUINEA PIGS PER DIEM – ABL2 (1 ANIMAL/DAY)	\$4.92
BIOCON: GUINEA PIGS PER DIEM --MICROISOLATOR (1 ANIMAL/DAY)	\$3.12
BIOCON: GUINEA PIGS PICK UP/ DELIVERIES (INCLUDES APPROPRIATE CONTAINER) (1 ROUNDTRIP)	\$41.78
BIOCON: GUINEA PIGS SHIPPING BOXES (1 BOX)	\$14.75
BIOCON: GUINEA PIGS SUBCUTANEOUS INJECTIONS (1 INJECTION)	\$3.69
BIOCON: GUINEA PIGS SURVIVAL BLOOD COLLECTION (1 BLEED)	\$17.20
BIOCON: GUINEA PIGS TERMINAL BLOOD COLLECTION/BLEED OUT (1 BLEED)	\$25.50
BIOCON: GUINEA PIGS VETERINARY CARE (NOT COVERED ELSEWHERE) (1 HOUR)	\$638.96
Biocon: Intra Nasal Inoculations (1 Injection)	\$24.29
BIOCON: RABBITS ADDITIONAL RABBITS (EACH)	\$109.15
BIOCON: RABBITS CARDIAC PUNCTURE (INCLUDING ANESTHESIA) (1 INJECTION)	\$51.76
BIOCON: RABBITS INTRADERMAL INJECTIONS (INCLUDES SHAVING) (1 INJECTION)	\$24.28
BIOCON: RABBITS INTRAMUSCULAR INJECTIONS (1 INJECTION)	\$8.09
BIOCON: RABBITS INTRAVENOUS INJECTIONS (1 INJECTION)	\$16.12
BIOCON: RABBITS PER DIEM – ABL2 (1 CAGE/DAY)	\$10.53
BIOCON: RABBITS PER DIEM (1 CAGE/DAY)	\$4.61
BIOCON: RABBITS PICK UP/DELIVERIES (INCLUDES APPROPRIATE CONTAINER) (1 ROUNDTRIP)	\$41.78
BIOCON: RABBITS RABBIT PURCHASE; FIRST RABBIT OR ORDER FOR ONE ANIMAL (1ST RABBIT)	\$202.00
BIOCON: RABBITS SUBCUTANEOUS INJECTIONS (1 INJECTION)	\$8.09
BIOCON: RABBITS SURVIVAL BLOOD COLLECTION (1 BLEED)	\$12.14

BIOCON: RABBITS VETERINARY CARE (NOT COVERED ELSEWHERE) (1 HOUR)	\$159.74
CRYO QC GENOTYPING, PER LINE	\$63.65
CRYOPRESERVATION TECHNICAL SUPPORT, PER HOUR	\$36.00
EMBRYO CRYO QC, PER STRAIN, (NON-NCI)	\$140.04
EMBRYO CRYO, PER STRAIN (50 EMBRYOS)	\$264.16
FROG PURCHASES	\$23.50
OVARY CRYO, PER STRAIN	\$545.30
OVARY CRYO, PER STRAIN, (NON-NCI)	\$640.78
SPERM CRYO, PER STRAIN	\$838.11
SPERM CRYOPRESERVATION, PER STRAIN, (NON-NCI)	\$1,411.00

## ANIMAL CARE & TECHNICAL SUPPORT-NIH

SAIC-Frederick

<http://camp.nci.nih.gov/science/olar/asb/asbpage.htm>

Animal Holding encompasses high-quality facilities and resources at NCI-Frederick and Bethesda, which ensure that research animals are housed, handled and cared for in a humane manner in a healthful, controlled environment.

Item Description	FY08 Price
ANIMAL HOLDING, FROG (CAGE), PER WEEK	\$5.20
ANIMAL HOLDING, MOUSE (CAGE), PER WEEK	\$2.45
ANIMAL HOLDING, RABBIT (CAGE), PER WEEK	\$10.54
ANIMAL HOLDING, RAT (CAGE), PER WEEK	\$4.44
PRIMATE GLP (CAGE), B14D, PER DIEM	\$102.75

## ATC MICROARRAY SUPPORT

NCI CCR Core

<http://arraytracker.nci.nih.gov/>

The NCI Microarray Facility manufactures oligonucleotide and cDNA microarrays for gene expression analysis and provides both microarrays and technical training to intramural NCI investigators.

Item Description	FY08 Price
AFFYMETRIX CHIPS, CCR, HG-U133A, HG-U133B, MOE 430A, MOE 430	\$150.00
HUMAN OLIGO, PER SLIDE	\$65.00
HUMAN U133 PLUS 2.0, CCR	\$250.00
HUMAN U133A PLUS 2.0, CCR	\$100.00
MOE430 2.0, CCR	\$250.00
MOE430A 2.0, CCR	\$100.00
MOUSE ARRAY, PER SLIDE	\$55.00
TRAINING KIT	\$650.00

# CLINICAL SERVICES PROGRAM

SAIC-Frederick

<http://web.ncifcrf.gov/research/csp/>

The Clinical Services Program was founded in 1981, and currently provides a full range of dedicated laboratory and clinical support. CSP laboratories perform sequential studies of immune function in patients with cancer, AIDS, chronic granulomatous disease (CGD), or chronic fatigue syndrome (CFS) during treatment with biological response modifiers or other potential anticancer or antiviral agents. Genechip services are a dedicated service to NIAID. For further information contact Dr. William Kopp at (301) 846-1707.

Item Description	FY08 Price
1-COLOR ANTIBODY STAINING - FLOW CYTOMETRY	\$4.37
1D12 ASSAY	\$243.95
250 CC LEUKOPAK FICOLL/FREEZE - FCS MEDIA	\$166.16
2-COLOR ANTIBODY STAINING - FLOW CYTOMETRY	\$7.33
3-COLOR ANTIBODY STAINING - FLOW CYTOMETRY	\$7.96
50 CC LEUKOPAK, FICOLL/FREEZE-FCS MEDIA	\$106.82
ALIQUOT SERUM INTO MULTIPLE VIALS	\$1.37
BL-3 APPAREL	\$12.34
BONE MARROW PREPARATION/10ML SYRINGE	\$41.63
BQO ANTIBODY TITRATION / BINDING ASSAY	\$214.59
CELL LINE MAINTENANCE	\$16.14
CELL LINE PREP FOR PB3	\$56.96
COULTER XL DAILY QUALITY CONTROL	\$2.99
COULTER XL QUALITY CONTROL FOR CLINICAL RUNS	\$59.24
DNA EXTRACTION M48 BIOROBOT - 150 UL BUFFY COAT 12 SAMPLES	\$11.51
DNA EXTRACTION M48 BIOROBOT - 150 UL BUFFY COAT 24 SAMPLES	\$9.09
DNA EXTRACTION M48 BIOROBOT - 150 UL BUFFY COAT 48 SAMPLES	\$8.09
DNA QUANTIFICATION - OD & PICOGREEN PER GREEN	\$3.70
DNA QUANTIFICATION - OD ONLY	\$2.44
EBV TRANSFORMATION	\$290.39
ELUTRIATION FRAC.CELL PREP-FRZ ONLY(AVG=12 VIALS)	\$24.73
ELUTRIATION FRAC.CELL PREP-FRZ ONLY(AVG=50 VIALS)	\$54.20
ELUTRIATION FRACTION CELL PREP - FICOLL & FREEZE	\$46.40
ENDOTOXIN ASSAY, PER STRIP	\$27.64
EOSINOPHIL ISO. FROMWB(TO150CC OR 5 X 10E8CELLS)	\$619.91
EOSINOPHIL ISO.FROM LEUKOPAK (1 X 10E9 CELLS)	\$998.72
EOSINOPHIL ISO.FROM LEUKOPAK (2 X 10E9 CELLS)	\$1,426.26
FLOW SAMPLE THAWING	\$4.78
Human Serum TH1/2 10-plex plates	\$1,229.00
Human TC Supes Th1/2 10-plex plates	\$1,018.00
IGM216 ASSAY	\$91.24
IL-2 BIOASSAY/HUMAN OR MOUSE	\$227.39
IL-4 BIOASSAY	\$68.75
IL-6 BIOASSAY	\$61.25
IL-7 BIOASSAY	\$261.67
INTERFERON BIOASSAY/HUMAN	\$194.23
INTERFERON BIOASSAY/MOUSE	\$194.29
LABORATORY ANALYSIS, PER HOUR	\$16.24
LYSATE PRODUCTION FROM ADHERENT CELLS	\$329.15

LYSATE PRODUCTION FROM SUSPENSION CELLS	\$227.81
LYSIS BUFFER PRODUCTION	\$67.24
MANUAL ALIQUOT DNA - PER ALIQUOT	\$1.39
Meso Multiplex Assays - Additional Plate, Same Set U	\$79.50
Meso Multiplex Assays - Labor Only - Supernatants	\$159.01
MESO MULTIPLEX ASSAYS-ADD'L PLATE, SAME SET UP	\$39.75
MESO MULTIPLEX ASSAYS-LABOR ONLY-SERUM	\$139.13
MESO MULTIPLEX ASSAYS-LABOR ONLY-SUPERNATANTS	\$119.25
Mouse Serum TH1/2 9-plex plates	\$1,016.00
Mouse TC Supes Th1/2 9-plex plates	\$916.00
PLASMA SEPARATION WB/PRE-FICOLL (20 CC)	\$21.97
PREPARATION OF SHIPPING CONTAINERS	\$14.37
PROLIFERATION ASSAY	\$131.01
REPORTING FOR BIOPHARMACEUTICAL PROGRAMS	\$57.45
REQUEST FOR SPECIMEN WITHDRAWAL	\$14.24
SERUM SEPARATION & FREEZE (10 CC TUBE)	\$17.25
SERUM SEPARATION & FREEZE (20 CC TUBE)	\$19.25
SERUM/PLASMA CRYOPRESERVATION (50 CC TUBE)	\$35.69
SERUM/PLASMA CRYOPRESERVATION - 15-25 CC TUBE	\$22.43
STAINING M&S (ANTIBODY COST NOT INCLUDED)	\$2.57
STORAGE OF CELL PELLETS FROM WB/PAKS	\$10.46
TIER I HUMAN CYTOKINE TESTS, PER STRIP	\$13.33
TIER I MOUSE CYTOKINE TESTS, PER STRIP	\$14.20
TIER II HUMAN CYTOKINE TESTS, PER STRIP	\$24.17
TIER II MOUSE CYTOKINE TESTS, PER STRIP	\$21.20
TIER III HUMAN CYTOKINE TESTS, PER STRIP	\$0.00
TIER IV HUMAN CYTOKINE TESTS, PER STRIP	\$33.36
TIER IV MOUSE CYTOKINE TESTS, PER STRIP	\$36.42
TIER V HUMAN CYTOKINE TESTS, PER STRIP	\$35.77
TIER VI HUMAN CYTOKINE TESTS, PER STRIP	\$46.40
TNF BIOASSAY	\$191.58
TRIZOL EXTRACTION	\$22.47
URINE PROCESSING	\$17.88
WB SEP.F/F(UP TO 60 CC)-90% HUAB FREEZE	\$58.91
WHOLE BLOOD SEPARATION FICOLL ONLY (1 TO 15 CC)	\$29.06
WHOLE BLOOD SEPARATION FICOLL/FREEZE (1 to 15 CC)	\$32.33
WHOLE BLOOD SEPARATION FICOLL/FREEZE (121 to 180 CC)	\$99.40
WHOLE BLOOD SEPARATION FICOLL/FREEZE (16 to 30 CC)	\$35.31
WHOLE BLOOD SEPARATION FICOLL/FREEZE (181 to 250 CC)	\$123.73
WHOLE BLOOD SEPARATION FICOLL/FREEZE (31 to 60 CC)	\$50.26
WHOLE BLOOD SEPARATION FICOLL/FREEZE (61 to 90 CC)	\$59.13
WHOLE BLOOD SEPARATION FICOLL/FREEZE (91 to 120 CC)	\$73.24
WHOLE BLOOD/APHERESIS SEP. FICOLL ONLY(121 TO 250 CC)	\$104.03
WHOLE BLOOD/APHERESIS SEP. FICOLL ONLY(UP TO 120 CC)	\$61.02

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## CSP-ADMINISTRATIVE SUPPORT

SAIC-Frederick

<http://web.ncifcrf.gov/research/csp/>

The Clinical Services Program was founded in 1981, and currently provides a full range of dedicated laboratory and clinical support. CSP laboratories perform sequential studies of immune function in patients with cancer, AIDS, chronic granulomatous disease (CGD), or chronic fatigue syndrome (CFS) during treatment with biological response modifiers or other potential anticancer or antiviral agents. Genechip services are a dedicated service to NIAID. For further information contact Dr. William Kopp at (301) 846-1707.

Item Description	FY08 Price
COURIER TRANSPORT, PER PICK-UP	\$48.00
COURIER TRANSPORT, SPLIT PICK-UP	\$24.00

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## DNA SEQUENCING MINICORE FACILITY

NCI CCR Core

<http://elsie.nci.nih.gov/abi/>

The DNA Sequencing MiniCore Facility accepts samples for DNA sequencing, or microsatellite analysis, from any investigator in the Center for Cancer Research.

Item Description	FY08 Price
BULK CAPILLARY, AS-IS RUN, PER SET OF 16	\$20.00
LANE CHARGE	\$3.00
NON-NCI BULK CAPILLARY, AS IS RUN	\$40.00
NON-NCI LANE CHARGE	\$6.00
NON-NCI PYRO SEQUENCING	\$2.00
NON-NCI SEQUENCING RX ONLY	\$12.00
NON-NCI SEQUENCING RX, ELECTROPHORESIS AND DATA DEL.	\$18.00
PYRO-SEQUENCING	\$1.00
SEQUENCING RX ONLY	\$6.00
SEQUENCING RX, ELECTROPHORESIS AND DATA DELIVERY	\$9.00

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## ENVIRONMENTAL HEALTH AND SAFETY

SAIC-Frederick

<http://home.ncifcrf.gov/ehs/>

The Environment, Health and Safety(formerly Safety and Environmental Protection Programs and Occupational Health Services) is dedicated to ensuring a safe, healthful, and environmentally friendly workplace for all employees and visitors to the National Cancer Institute at Frederick (NCI-Frederick).

Item Description	FY08 Price
HAZARDOUS MATERIAL COURIER SERVICE	\$30.00

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## FLOW CYTOMETRY CORE SUPPORT

NCI CCR Core

<http://web.ncifcrf.gov/research/flow-cyto-lab.asp>

Flow cytometry (FCM) is a unique experimental technology, which provides rapid, quantitative, multi-parametric, single cell analysis and separation. The mission of the flow cytometry core encompasses two related programs. First, basic research support is provided to members of the Frederick-CCR and, on a limited basis, to investigators elsewhere at NIH. The laboratory staff also participates in the development of flow cytometry applications and resources for use in immunological research. Resource development in the lab includes advances in instrumentation, reagents, methodology and computer hardware/software.

Item Description	FY08 Price
FLOW CYTOMETRY, PER HOUR	\$40.00

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## GENE CHIP PROCESSING

SAIC-Frederick

<http://web.ncifcrf.gov/research/csp/>

The Clinical Services Program was founded in 1981, and currently provides a full range of dedicated laboratory and clinical support. CSP laboratories perform sequential studies of immune function in patients with cancer, AIDS, chronic granulomatous disease (CGD), or chronic fatigue syndrome (CFS) during treatment with biological response modifiers or other potential anticancer or antiviral agents. Genechip services are a dedicated service to NIAID. For further information contact Dr. William Kopp at (301) 846-1707.

Item Description	FY08 Price
100K SNP sample processing materials	\$86.75
1-Cycle Expression sample processing	\$146.68
250K NSP ARRAY	\$130.00
250K NSP SNP sample processing	\$87.24
250K STY ARRAY	\$130.00
250K STY SNP sample processing	\$85.55
2-Cycle Expression sample processing	\$180.98
50K HINDIII ARRAY	\$200.00
50K XBAL240 ARRAY	\$200.00
GENECHIP 430 2.0 CHIP	\$400.00
GENECHIP MATERIALS, BASIC	\$32.85
Hu133 2+ Array	\$400.00
Human Exon 1.0 ST	\$400.00
Human Gene 1.0 ST	\$175.00
Human Promoter 1.0R	\$375.00
Human SNP 5.0	\$175.00
Human SNP 6.0	\$300.00
Mouse 430A 2.0	\$250.00
P. AERUGINOSA ARRAY	\$275.00
PLASMODIUM/ANOPHELES CHIPS	\$275.00
RAT 230 2+ ARRAY	\$375.00
SNP array hybridization materials	\$8.03
U133A+2.0 Array	\$250.00
Whole Transcription (Exon) sample processing	\$167.02



**IMAGE ANALYSIS LABORATORY**

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/IAL/default.asp>

The Image Analysis Laboratory (IAL) provides NCI and other investigators with state-of-the-art 3D optical (confocal) and electron microscopy facilities for imaging of living and fixed cells and tissues; computational resources for visualization and extraction of quantitative information from images; and opportunities to develop new technologies that are needed for cutting-edge cancer research.

Item Description	FY08 Price
CONFOCAL MICROSCOPY (ASSISTED), PER HOUR	\$95.52
CONFOCAL MICROSCOPY (UNASSISTED), PER HOUR	\$74.28
ELECTRON MICROSCOPY, PER HOUR	\$95.52
IMMUNO-GOLD ELECTRON MICROSCOPY, PER SAMPLE	\$763.85
NEGATIVE STAIN ANALYSIS	\$190.96
SCANNING ELECTRON MICROSCOPY, PER SAMPLE	\$429.66
TRANSMISSION ELECTRON MICROSCOPY, PER SAMPLE	\$429.66

**INTRAMURAL CYTOGENETICS**

NCI CCR Core

<http://web.ncifcrf.gov/research/cytogenetics>

The Comparative Molecular Cytogenetic Core provides molecular cytogenetic support services to the NCI community. This facility aids in the assessment of structural and numerical genomic changes in cancer, pre-cancer, and cancer models. Currently service components of this core facility include, fluorescent in situ hybridization (FISH), spectral karyotyping (SKY), comparative genome hybridization (CGH), chromosome flow sorting, karyotyping, and sister chromatid exchange (SCE).

Item Description	FY08 Price
CGH (COMPARATIVE GENOME HYBRIDIZATION), PER SAMPLE	\$75.00
CHROMOSOME FLOW SORTING - HUMAN/MOUSE/RAT	\$75.00
FISH (FLOURESCENCE IN SITU HYBRIDIZATION), PER PROBE	\$50.00
FLOW KARYOTYPING, PER SAMPLE	\$200.00
G-BANDED KARYOTYPING, PER CELL LINE	\$50.00
SCE (SISTER CHROMATID EXCHANGE), PER SAMPLE	\$75.00
SKY (SPECTRAL KARYOTYPING), PER SAMPLE	\$150.00
SPLEEN CULTURES, PER SAMPLE	\$100.00

**INTRAMURAL PROTEIN CHEMISTRY**

NCI CCR Core

The Protein Chemistry Core provides NCI with expertise and experience in protein chemistry with an emphasis on the dynamic characterization of protein phosphorylation. Contact: Dr. TerryCopeland at (301) 846-1351.

Item Description	FY08 Price
2D GEL	\$75.00

AMINO ACID ANALYSIS	\$60.00
ELISA ASSAY	\$75.00
GEL STAIN OR IMMUNOBLOT	\$75.00
HPLC PEPTIDE MAP	\$75.00
N-TERMINAL PEPTIDE OR PROTEIN SEQUENCE	\$75.00
PHOSPHO AMINO ACID ANALYSIS	\$50.00

## LAB OF CELL MEDIATED IMMUNITY

SAIC-Frederick

<http://web.ncifcrf.gov/research/csp/>

The Clinical Services Program was founded in 1981, and currently provides a full range of dedicated laboratory and clinical support. CSP laboratories perform sequential studies of immune function in patients with cancer, AIDS, chronic granulomatous disease (CGD), or chronic fatigue syndrome (CFS) during treatment with biological response modifiers or other potential anticancer or antiviral agents. Genechip services are a dedicated service to NIAID. For further information contact Dr. William Kopp at (301) 846-1707.

Item Description	FY08 Price
7 DAY CTL GENERATION	\$6.97
7 DAY CTL GENERATION, ADD'L STIMULANT, LABOR ONLY	\$10.83
7 DAY CTL GENERATION, EACH ADDITIONAL STIMULANT	\$1.01
7 DAY CTL GENERATION, LABOR ONLY	\$50.54
CR1RA2 BULK TISSUE CULTURE	\$48.65
CR1RA2 THAW AND INITIAL CELL CULTURE	\$33.48
CYTOKINE INDUCT. SETUP&SUPER.HARVEST-NO REST.(HUMAN)	\$159.31
DENDRITIC CELL PREP, LCMI PROCEDURE - LABOR ONLY	\$86.63
DENDRITIC CELL PREPARATION, LCMI PROCEDURE	\$14.40
EFFECTOR PREP-PEPTIDE ELISPOT-LABOR ONLY	\$64.97
EFFECTOR PREP-TUMOR ELISPOT	\$6.81
EFFECTOR PREP-TUMOR ELISPOT-LABOR ONLY	\$54.15
EFFECTOR PREP-WHOLE PROTEIN ELISPOT	\$6.65
EFFECTOR PREP-WHOLE PROTEIN ELISPOT-LABOR ONLY	\$54.15
ELISPOT PLATE SCAN, AUTO AND MANUAL CT - LABOR ONLY	\$21.66
ELISPOT PLATE SCAN, COUNT & DATA ANALY. - LABOR ONLY	\$32.49
ELISPOT PLATE SCAN, COUNT & DATA ANALYSIS-LABOR ONLY	\$64.97
ELISPOT PLATE SCAN, LABOR ONLY	\$10.83
HUMAN CYTOKINE INDUCTION	\$93.65
INTERFERON GAMMA ELISA/HUMAN	\$314.04
MOUSE IFNG ELISPOT ASSAY- LABOR ONLY	\$129.95
MOUSE IFNG ELISPOT ASSAY-MATERIALS FULL PLATE	\$123.65
MOUSE IFNG ELISPOT ASSAY-MATERIALS HALF PLATE	\$79.19
PASSAGE-1 ADHERENT TUMOR CELL LINE-1 WEEK-ASSAY USE	\$39.26
PREP-PEPTIDE ELISPOT	\$10.93
SUPERNATANT READOUT FOR CYTOKINE INDUCTION, 1 PLATE	\$367.22
SUPERNATANT READOUT FOR CYTOKINE INDUCTION, 2 PLATE	\$647.72
SUPERNATANT READOUT FOR CYTOKINE INDUCTION, 3 PLATE	\$928.23
SUPERNATANT READOUT FOR CYTOKINE INDUCTION, 4 PLATE	\$1,208.73
SUPERNATANT READOUT FOR CYTOKINE INDUCTION, 5 PLATE	\$1,489.24
THAW AND INITIAL CULTURE- 1 ADHERENT TUMOR LINE	\$15.40
VALIDATED AUTOLOGOUS TUMOR IFNG-ELISPOT ASSAY-FULL	\$101.02
VALIDATED AUTOLOGOUS TUMOR IFNG-ELISPOT ASSAY-HALF	\$61.60

VALIDATED AUTOLOGOUS TUMOR IFNG-ELISPOT ASSAY-LABOR	\$115.51
VALIDATED GRANZYME B ELISPOT ASSAY-FULL PLATE	\$118.21
VALIDATED GRANZYME B ELISPOT ASSAY-HALF PLATE	\$72.66
VALIDATED PEPTIDE IFNG ELISPOT ASSAY - FULL PLATE	\$111.65
VALIDATED PEPTIDE IFNG ELISPOT ASSAY - HALF PLATE	\$67.79
VALIDATED PEPTIDE IFNG ELISPOT ASSAY-LABOR ONLY	\$151.61
VALIDATED PROLIFERATION ASSAY	\$36.64
VALIDATED PROLIFERATION ASSAY - LABOR ONLY	\$129.95
VALIDATED WHOLE PROTEIN IFNG ELISPOT ASSAY-FULL	\$99.48
VALIDATED WHOLE PROTEIN IFNG ELISPOT ASSAY-HALF	\$62.96
VALIDATED WHOLE PROTEIN IFNG ELISPOT ASSAY-LABOR	\$104.68

## LAB OF PROTEOMICS AND ANALYTICAL TECHNOLOGIES

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/ACL/default.asp>

The Laboratory of Proteomics and Analytical Chemistry (LPAT) provides qualitative, quantitative, and structural analyses to NCI investigators via three complementary groups:

Nuclear Magnetic Resonance (NMR)  
 Separations Technology (CE, HPLC, GC)  
 Mass Spectrometry (MS)

Item Description	FY08 Price
CHROMATOGRAPHY/SPECTROSCOPY, PER HOUR	\$22.55
IN-GEL DIGEST/MALDI-MS/DATABASE ID	\$212.18
IN-GEL DIGEST/MICRO/LC-MS/MS/DATABASE ID	\$212.18
INSTRUMENT ENGINEERING, PER HOUR	\$63.64
MASS SPECTROSCOPY, PER HOUR	\$88.04
NMR SPECTROSCOPY, PER HOUR	\$90.20
NMR SPECTROSCOPY, PER HOUR UNATTENDED	\$72.16

## LABORATORY ANIMAL SCIENCES PROGRAM-AHDL

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/lasp/intra/ahdl/>

The Animal Health Diagnostics Laboratory and Animal Molecular Diagnostics Laboratory provide comprehensive diagnostic services to monitor and maintain the health status of animal research colonies at NCI-Frederick and Bethesda.

Item Description	FY08 Price
BACTERIOLOGY, PER TEST	\$10.82
BASIC SEROLOGY SCREEN, GUINEA PIG	\$29.35
BASIC SEROLOGY SCREEN, HAMSTER	\$29.35
BASIC SEROLOGY SCREEN, MOUSE	\$70.44
BASIC SEROLOGY SCREEN, RAT	\$41.09
BASIC SEROLOGY-MFIA, MOUSE	\$70.44
C.BOVIS - PCR, PER SAMPLE AHDL	\$23.40
COMPREHANSIVE SEROLOGY-MFIA, MOUSE	\$140.88

COMPREHENSIVE SEROLOGY SCREEN, GUINEA PIG	\$35.22
COMPREHENSIVE SEROLOGY SCREEN, MOUSE	\$140.88
COMPREHENSIVE SEROLOGY SCREEN, RAT	\$70.44
ECTOPARASITOLOGY, PER TEST	\$4.00
ENDOPARASITOLOGY, PER TEST	\$4.00
FUNGUS, PER TEST	\$10.82
HELICOBACTER - PCR, PER SAMPLE AHDL	\$23.40
HELICOBACTER CULTURE	\$23.40
INTERMEDIATE SEROLOGY SCREEN, GUINEA PIG	\$29.35
INTERMEDIATE SEROLOGY SCREEN, HAMSTER	\$29.35
INTERMEDIATE SEROLOGY SCREEN, MOUSE	\$105.66
INTERMEDIATE SEROLOGY SCREEN, RAT	\$46.96
INTERMEDIATE SEROLOGY-MFIA, MOUSE	\$105.66
LDHV TEST	\$91.63
MAP TEST	\$558.06
MHV - TaqMan PCR, PER SAMPLE	\$23.40
MMV - PCR, PER SAMPLE - AHDL	\$23.40
MNV - TaqMan PCR, PER SAMPLE	\$23.40
MTBM-Mouse	\$380.00
MTBM-Rat	\$350.00
NECROPSY, PARTIAL	\$27.27
NECROSPY, COMPLETE W/ROUTINE PATHO/HISTO, GUINEA PIG	\$151.63
NECROSPY, COMPLETE W/ROUTINE PATHO/HISTO, HAMSTER	\$106.88
NECROSPY, COMPLETE W/ROUTINE PATHO/HISTO, MOUSE	\$106.88
NECROSPY, COMPLETE W/ROUTINE PATHO/HISTO, RABBIT	\$179.97
NECROSPY, COMPLETE W/ROUTINE PATHO/HISTO, RAT	\$136.71
NECROSPY, COMPLETE W/STAT PATHO/HISTO, GUINEA PIG	\$207.98
NECROSPY, COMPLETE W/STAT PATHO/HISTO, HAMSTER	\$143.25
NECROSPY, COMPLETE W/STAT PATHO/HISTO, MOUSE	\$143.60
NECROSPY, COMPLETE W/STAT PATHO/HISTO, RABBIT	\$252.71
NECROSPY, COMPLETE W/STAT PATHO/HISTO, RAT	\$186.87
P.CARINII - PCR, PER SAMPLE - AHDL	\$23.40
PARVOVIRUS SEROLOGY – ELISA, MOUSE	\$19.12
PARVOVIRUS SEROLOGY – ELISA, RAT	\$19.12
PARVOVIRUS SEROLOGY-MFIA, MOUSE	\$19.12
PARVOVIRUS/MMV - PCR, PER SAMPLE -AHDL	\$23.40
RAP TEST	\$423.60
SEROLOGY, PER TEST	\$5.87
TISSUE W/ROUTINE PATHO/HISTO	\$83.27

**LABORATORY ANIMAL SCIENCES  
PROGRAM-AMDL**

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/lasp/intra/ahdl/>

The Animal Health Diagnostics Laboratory and Animal Molecular Diagnostics Laboratory provide comprehensive diagnostic services to monitor and maintain the health status of animal research colonies at NCI-Frederick and Bethesda.

Item Description	FY08 Price
C.BOVIS - PCR, PER SAMPLE AMDL	\$23.40

DNA EXTRACTION/BLOOD, PER SAMPLE	\$4.41
DNA EXTRACTION/TAIL, PER SAMPLE	\$5.93
GENOME SCAN (1-5 mice)	\$891.83
GENOME SCAN (6-10 mice)	\$1,204.17
GENOTYPING/BLOOD, PER SAMPLE	\$8.24
GENOTYPING/TAIL, PER SAMPLE	\$9.79
HELICOBACTER - PCR, PER SAMPLE - AMDL	\$23.40
MMV - PCR, PER SAMPLE - AMDL	\$23.40
MMV - TaqMan PCR, per Sample	\$42.25
MNV- RT/PCR (gel), per sample	\$35.15
MYCOPLASMA LUMINESCENCE, PER SAMPLE (1-4 SAMPLES)	\$29.81
MYCOPLASMA LUMINESCENCE, PER SAMPLE (5+ SAMPLES)	\$15.43
P.CARINII - PCR, PER SAMPLE - AMDL	\$23.40
PARVOVIRUS/MMV - PCR, PER SAMPLE - AMDL	\$23.40
PCR, PER REACTION	\$4.64

## LABORATORY ANIMAL SCIENCES PROGRAM-RQ

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/lasp/intra/randq/default.asp>

Receiving and Quarantine maintains the health quality of rodent research colonies at NCI-Frederick by quarantine of imported animals and/or rederivation of pathogen-carrying strains.

Item Description	FY08 Price
EXTENDED HOLDING (CAGE), PER DAY	\$0.52
GUINEA PIGS (CAGE), PER DAY	\$4.72
HAMSTERS (CAGE), PER DAY	\$3.63
MICE (CAGE), PER DAY	\$2.19
RABBITS (EACH), PER DAY	\$4.72
RATS (CAGE), PER DAY	\$3.63
RQ PROCEDURES ROOM, PER DAY	\$28.30
RQ SMALL MICE (CAGE), PER DAY	\$1.09
TECHNICAL SERVICES/RQ, PER QUARTER HOUR, MAS	\$36.00

## LABORATORY OF MOLECULAR TECHNOLOGY

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/lmt/default.asp>

The Laboratory of Molecular Technology (LMT) is an integrated molecular biology laboratory focusing on high-throughput gene discovery and analysis including advanced sequencing, genetics, genomics, and proteomics technologies, together with associated bioinformatics and information management. The LMT is focused on genomics/proteomics technology development (including software development) and the application of these technologies to a variety of independent research programs. General access to these advanced technologies is provided to the NCI community through the LMT core service laboratories as described below.

Item Description	FY08 Price
	\$4.24
	\$6.37

	\$45.60
BRAF GENE EXONS 11 & 15	\$412.00
CARTRIDGE PURIFICATION/STRAND (FROM 200 nMOLE)	\$10.30
CARTRIDGE PURIFICATION/STRAND (FROM 40 nMOLE)	\$10.30
CDKN2A MUTATION ANALYSIS	\$412.00
CHEMICAL PHOSPHORYLATION PER OLIGO	\$30.90
DNA SEQUENCE RXN & ANALYSIS (1-7 SAMPLES)	\$15.45
DNA SEQUENCE RXN & ANALYSIS (1-7 SAMPLES) Non-NCI	\$25.75
DNA SEQUENCE RXN & ANALYSIS (8+ SAMPLES)	\$10.30
DNA SEQUENCE RXN & ANALYSIS (8+ SAMPLES) Non-NCI	\$15.45
DNA SEQUENCE RXN & ANALYSIS (96-WELL PLATE)	\$309.00
DNA SEQUENCE, G-50 PURIFICATION (96-WELL PLATE)	\$15.45
DNA SEQUENCE, SAP/EXO PURIFICATION (96-WELL PLATE)	\$25.75
DNA SEQUENCING, ASSEMBLY/ANALYSIS, PER HOUR	\$164.80
DNA SEQUENCING, LIBRARY, EACH	\$309.00
DNA SEQUENCING, PRIMER, PER RESIDUE	\$0.62
DYES PER OLIGO	\$46.35
GEL PURIFICATION/STRAND (FROM 1.0 nMOLE)	\$103.00
GEL PURIFICATION/STRAND (FROM 200 nMOLE)	\$51.50
GENESCAN W/O ROX STANDARDS (96-WELL PLATE)	\$103.00
GENESCAN WITH ROX STANDARDS (96-WELL PLATE)	\$180.25
HPLC PURIFICATION/STRAND (TO 9 OD UNITS)	\$61.80
K-RAS MUTATION ANALYSIS, PER SAMPLE	\$412.00
LARGE-SCALE PURIFICATION/STRAND (TO 300 OD UNITS)	\$257.50
MC1R MUTATION ANALYSIS	\$412.00
MOLECULAR DIAGNOSTICS, PER HOUR	\$74.16
MOUSE AHR GENOTYPING, DNA EXTRACTION PER SAMPLE	\$24.72
MYCOPLASMA SCREEN	\$74.16
OLIGONUCLEOTIDE SYNTHESIS/BASE (1.0 uMOLE)	\$3.09
OLIGONUCLEOTIDE SYNTHESIS/BASE (10 uMOLE)	\$20.60
OLIGONUCLEOTIDE SYNTHESIS/BASE (200 uMOLE)	\$1.80
OLIGONUCLEOTIDE SYNTHESIS/BASE (40 nMOLE)	\$1.00
P14 GENE	\$412.00
P53 GENE EXONS 5-9	\$412.00
POST-SYNTHESIS MODIFICATION	\$1.00
PRIMARY AMINES AND THIOLS PER OLIGO	\$25.75
REAL-TIME PCR LABOR, PER HOUR	\$45.60
REAL-TIME PCR, SYBR GREEN DYE, PER REACTION	\$4.24
REAL-TIME PCR, TAQMAN ASSAY, PER REACTION	\$6.37
TECHNICAL SUPPORT, PER HOUR	\$74.16
TEMPLATE PREP, RXN & ANALYSIS (96-WELL PLATE)	\$535.60
TEMPLATE PREP, RXN & ANALYSIS, (?+ 96-WELL PLATES)	\$463.50
VHL MUTATION ANALYSIS	\$412.00
VIRAL CELL LINE SCREEN PER VIRUS	\$24.72
VIRAL CELL LINE SCREEN, PER CELL LINE	\$296.64

# PATHOLOGY/HISTOTECHNOLOGY LABORATORY

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/lasp/phl/>

The Pathology & Histotechnology Laboratories provide comprehensive histopathology services including animal necropsies, routine and special histological preparations, immunohistochemistry, laser capture microdissection, blood chemistry analysis, expert histopathologic evaluations and assistance in experimental design.

Item Description	FY08 Price
Agar Block Only (Vibratome block), per block	\$4.36
Antibody Surcharge, per sample	\$1.00
Aperio Slide Scan, per qtr hr (professional)	\$65.56
Apoptosis (TUNEL) Stain, per slide	\$22.95
Autoradiograph, per slide, Requestor's Emulsion	\$19.13
B-gal Requestor's Section, per slide	\$14.76
B-gal Stain, per slide	\$19.13
Biohaz Disposal, per animal	\$10.93
Bone Marrow Smear, per animal	\$10.93
Clinical Chem, addn test (over 5)	\$2.19
Clinical Chem, per sample (5 tests-Choice on web)	\$10.93
Complex Sections, per qtr hr (professional)	\$65.56
Complex Vibratome Sections, per qtr hr	\$48.84
Count & Stain-Differential Slide, Giemsa	\$17.85
Count-Differential Slide (2 slides)	\$11.85
Create Tissue Array-Paraffin Block Only, per qtr hr	\$48.84
CryoJane Surcharge, per cryostat slide	\$2.50
Custom Stain x units	\$1.00
Develop ImagePro Macro, per qtr hr (hr min)	\$48.84
DNA Qual. Check (0.8% Gel), per sample	\$2.50
DNA Quantization: NanoDrop, per sample	\$2.50
DNA -sample in tube, per ribbon/core	\$11.86
DNA-10-25mg Unfixed Bulk Tissue	\$13.86
DNA-Fixed Tissue from Paraffin Block	\$20.86
DNA-Laser Capture Microdissection (5000 shots)	\$180.00
DNA-Mounted CryoSection, per slide	\$40.86
DNA-OCT CryoBlock-per ribbon (5 sections)	\$20.86
DNA-Paraffin Section on a Slide, per slide	\$50.86
DNase Treatment of RNA, add per sample	\$2.00
Embed Matrigel Prep-Paraffin, per block	\$5.46
Embryo Collect & Diagram, per Dam, w/oNecropsy	\$32.78
Embryo sub-dissect, per qtr hr (professional)	\$65.56
Fix Cell Pellet-Paraffin, per block-clotting protocol	\$5.46
GMA Plastic Block Only, per block	\$25.00
H&E from slide	\$1.50
H&E Package from Block	\$6.56
H&E Package from Wet Tissue	\$8.74
Hematology Screen (CBC), per sample	\$10.93
IHC New Assay Develop, per qtr hr (professional)	\$65.56

IHC, Est. Assay, per slide	\$22.95
IHC, Labor Only, per slide (Requestor's reagents)	\$18.00
ImagePro Capt & Quant per slide-developed macro	\$12.21
ISH Probe Cloning & Seq Validation, per template	\$250.00
Liver Perfusion, per animal	\$10.93
Lung Perfusion, per animal	\$10.93
Manual Differential Count-2 slides, per sample	\$7.21
Miscellaneous	\$1.00
Miscellaneous x units	\$1.00
Necropsy (Std Bioassay or Target Organ protocol)	\$21.85
OCT Block Only, per block	\$4.36
Paraffin Block Only, per block	\$5.46
Pathology/Experimental, per slide	\$9.27
Pathology/Target Organ, per < 6 slides	\$9.79
PATHOLOGY/TISSUE Array, per 5 Spot	\$9.79
Photo Doc of Necropsy results, per qtr hr	\$48.84
Photomicrography, per qtr hr (tech)	\$48.84
Post Necropsy Tech Support, per qtr hr	\$48.84
Professional Support, per qtr hr	\$65.56
Project & Pathology Support, per qtr hr	\$110.32
Reagent & Kit Reimbursement x units	\$1.00
Re-embed paraffin block	\$3.00
RNA ISH Develop New Assay, per qtr hr	\$48.84
RNA ISH per slide, est protocol & requestor's probe	\$30.85
RNA ISH Probe Synthesis, per probe	\$131.00
RNA Quality Check, per sample, nano- or picochip	\$5.00
RNA Quantization: NanoDrop, per sample	\$2.50
RNA-10-25mg Unfixed Bulk Tissue	\$14.86
RNA-Fixed Tissue from Parafin Block	\$24.86
RNA-Laser Capture Microdissection (5000 shots)	\$310.00
RNA-Mounted CryoSection, per slide	\$50.86
RNA-OCT CryoBlock-per ribbon (5 sections)	\$24.86
RNA-sample in a tube, per ribbon/core	\$12.86
RNAse Treatment of DNA, add per sample	\$2.00
Silver Stain	\$19.13
Special Stain from Block, first slide	\$10.93
Special Stain, addn slide	\$6.56
Stain-Differential Slide, Giemsa (2 slides)	\$6.00
Stat Surcharge	\$1.00
Stat Surcharge	\$1.00
Subsequent Unstained Section, per slide	\$4.37
Technical Services-Dedicated, per qtr hr	\$36.92
Technical Support, per qtr hr	\$48.84
Term Bleed(heart stick), per animal	\$10.93
Tissue Collect-Buffer Requestor's, per qtr hr	\$48.84
Tissue Collect-Media Requestor's, per animal	\$10.93
Tissue Snap Freeze, per animal	\$10.93
Tissue Touch Print Prep, per animal	\$12.21
Unstained Section, first slide	\$5.46
Vet Scan Comprehensive Disk-14 test panel	\$30.20
Vet Scan Disk-6 test panel	\$25.21
Vibratome Section, per section	\$2.35



**PROTEIN CHEMISTRY LABORATORY**

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/PCL/default.asp>

The Protein Chemistry Laboratory (PCL) provides NCI investigators with protein identification and peptide purification capabilities. In addition, the PCL has expanded expertise to include studies of macromolecular interactions. The laboratory's major functions include:

Item Description	FY08 Price
2-D GEL ELECTROPHORESIS	\$318.27
BIOCORE ANALYSIS, PER WEEK	\$2,652.25
GLP PROTEIN SEQUENCING, SET-UP/15 CYCLES	\$1,591.35
MACROMOLECULAR INTERACTIONS, PER HOUR	\$314.08
MOLECULAR WEIGHT/MALDI	\$31.83
MW/MALDI IN GEL DIGEST W/ROUTINE PROTEIN ID	\$212.18
MW/MALDI IN SOLUTION DIGEST W/ROUTINE PROTEIN ID	\$159.14
N-TERMINAL PROTEIN SEQUENCING, SET-UP/8 CYCLES	\$318.27
OLIGONUCLEOTIDE PURIFICATION	\$212.18
PROTEIN/PEPTIDE PURIFICATION USING HPLC	\$212.18
SAMPLE PREPARATION, PER HOUR	\$212.20

**PROTEIN EXPRESSION LABORATORY**

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/PEL/default.asp>

The Protein Expression Laboratory (PEL) strives to offer scientists within the National Cancer Institute the latest technologies in:

DNA amplification, gene cloning, expression clone construction, and expression optimization

Growth of microbial cells for protein expression

Growth of eukaryotic cells for protein expression

Protein purification

Cell-free protein expression

We consult with investigators to develop an integrated solution to their protein resource issues.

The PEL can execute the complete cloning, expression, scale-up, and purification process, or specific tasks within a larger project. The PEL serves scientists in other parts of the NIH on a time-available basis.

Item Description	FY08 Price
BACMID DNAS FOR BACULOVIRUS TRANSFECTION, ADD'L	\$53.05
BACMID DNAS FOR BACULOVIRUS TRANSFECTION, FIRST	\$434.97
CELL FREE PROTEIN EXPRESSION, ADDITIONAL REACTIONS	\$53.05
CELL FREE PROTEIN EXPRESSION, FIRST REACTION	\$244.01
CELL FREE PROTEIN EXPRESSION, PER HOUR	\$63.64
CLONING (PCR, SEQUENCING VERIFICATION), ADD'L GENE	\$137.92
CLONING (PCR, SEQUENCING VERIFICATION), FIRST GENE	\$901.77
EUKARYOTIC CELL PRODUCTION, PER HOUR	\$63.64
EXPRESSION LEVEL SOLUBILITY IN E. COLI, UP TO 24	\$636.54
GROW E.COLI CELLS, SHAKE FLASKS (1L), ADDN'L FLASK	\$21.22

GROW E.COLI CELLS, SHAKE FLASKS (1L), FIRST FLASK	\$275.83
GROW E.COLI IN FERMENTER (UP TO 15L)	\$1,273.08
GROW E.COLI IN FERMENTER (UP TO 60L)	\$4,561.87
GROW E.COLI IN MINIFERMENTER (2L), 1ST MINIFERMENT	\$275.83
GROW E.COLI IN MINIFERMENTER (2L), ADD'L MINIFERMENT	\$106.09
IMAC PURIFICATION & PROTEASE CLEAVAGE, 1ST PROTEIN	\$143.22
IMAC PURIFICATION & PROTEASE CLEAVAGE, ADD'L PROTEIN	\$15.91
INFECT INSECT CELLS W/BACULOVIRUS, DELIVER CELLS	\$254.62
MICROBIAL CELL PRODUCTION, PER HOUR	\$63.64
MIDIPREP DNAS FOR TRANSFECTION, ADD'L PLASMID	\$21.22
MIDIPREP DNAS FOR TRANSFECTION, FIRST PLASMID	\$403.14
PROTEIN PURIFICATION, EACH ADDITIONAL COLUMN	\$636.54
PROTEIN PURIFICATION, PER HOUR	\$63.64
PROTEIN PURIFICATION, SAMPLE PREP & FIRST COLUMN	\$1,018.46
SITE-DIRECTED MUTAGENESIS, 1ST MUTANT	\$790.37
SITE-DIRECTED MUTAGENESIS, ADD'L MUTANT	\$153.83
SUBCLONING INTO EXPRESSION VECTORS, 1ST VECTOR	\$281.14
SUBCLONING INTO EXPRESSION VECTORS, ADD'L VECTOR	\$26.52
TRANSFECT BACMID, AMPLIFY, TITER BACULOVIRUS, DELIVER	\$848.72
VECTOR ENGINEERING, PER HOUR	\$63.64
WESTERN ANALYSIS OF PROTEIN EXPRESSION	\$477.41

## REPOSITORY SERVICES

Fisher Bioservices

<http://www.ncifcrf.gov/repository/cr/>

The Repository Services provide the research community at the NCI with various cryogenic services, including low-temperature storage from +4°C to -196°C, controlled-rate freezing, computerized inventory and distribution of samples.

Item Description	FY08 Price
ALIUQUOT OF SPECIMENS	\$1.38
AMBIENT FLAMMABLE STORAGE	\$50.00
AMBIENT VERMIN-PROOF CABINET	\$30.00
CONTROL RATE FREEZE	\$0.25
DEDICATED CHEST FREEZER, PER MONTH	\$360.00
DEDICATED LN2 FREEZER, PER MONTH	\$400.00
DEDICATED SHARED CHEST -70C FREEZER	\$3.60
DEDICATED SHARED LN2 FREEZER	\$4.00
DEDICATED SHARED SLIDE CABINET, PER BOX (100 SLIDES)	\$0.30
DEDICATED SHARED UPRIGHT -70C FREEZER	\$2.40
DEDICATED SHARED VERMIN PROOF CABINET	\$0.30
DEDICATED SLIDE CABINET	\$30.00
DEDICATED UPRIGHT FREEZER, PER MONTH	\$240.00
GENERAL USE - GENERAL USE (-70C), PER BOX (81 VIALS)	\$0.45
GENERAL USE - LN2, PER BOX (81 VIALS)	\$0.75
GENERAL USE - WALK-IN (+4C), PER BOX (81 VIALS)	\$0.45
GENERAL USE - WALK-IN (-20C), PER BOX (81 VIALS)	\$0.50
INPUTS - PER VIAL	\$0.30
MANAGEMENT ASSISTANCE - PER QUARTER HOUR	\$9.00
SPECIAL ASSISTANCE - PER QUARTER HOUR	\$7.50
WITHDRAWALS - PER VIAL	\$0.30

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## TRANSGENIC/KNOCKOUT MOUSE FACILITIES

SAIC-Frederick

<http://web.ncifcrf.gov/rtp/lasp/intra/transgenic/default.asp>

The Transgenic/Knockout Mouse Facility provides expertise in the generation and characterization of genetically engineered mice. Services include production of transgenic mice by pronuclear microinjection of fertilized mouse eggs; consultation in the design of recombinant DNA constructs; and analysis of the transgene expression pattern at the RNA or protein level.

Item Description	FY08 Price
BREEDING/WEANING (BOTTLE-BONNET), PER CAGE-MONTH	\$15.45
DEDICATED SUPPORT, PER HOUR	\$47.68
EMBRYONIC STEM CELL INJECTION	\$3,182.70
KNOCKOUT MOUSE (COMPREHENSIVE)	\$9,325.79
KNOCKOUT MOUSE (FROM TARGETED ES CELLS)	\$3,132.89
KNOCKOUT MOUSE PRODUCTION, PER LINE	\$7,956.75
TRANSGENIC ANIMAL TECHNICAL SPT, PER HOUR	\$36.00
TRANSGENIC BREEDING/WEANING, PER CAGE-MONTH	\$12.36
TRANSGENIC LAB TECHNICAL SPT, PER HOUR	\$42.44
TRANSGENIC MOUSE PROD. SPLIT COST, (NIAID), PER LINE	\$3,070.95
TRANSGENIC MOUSE PRODUCTION (NON-NCI), PER LINE	\$6,141.89
TRANSGENIC MOUSE PRODUCTION, PER LINE	\$5,279.78

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## VIRAL TECHNOLOGY LABORATORY

SAIC-Frederick

<http://web.ncifcrf.gov/atp/default.asp?LabID=19&page=labs>

The Viral Technology Laboratory (VTL) supports population-based epidemiological studies, clinical studies and basic virological research investigating the role of viruses in cancer etiology. The VTL is dedicated to exploring all aspects of oncogenic viral pathogenesis.

The VTL performs molecular and serological assays that are sensitive, specific, and both cost and effective. VTL offers antibody and antigen screening assays to measure immunologic responses to viral infections as well as sensitive and specific nucleic acid assays to accurately quantitate viral genomes in body fluids or tissues. The laboratory currently perform assays for detection of a number of viruses involved in cancer etiology including HIV, HTLV, HCV, HBV, KSHV and EBV.

Item Description	FY08 Price
ADENOVIRUS PRODUCTION, PER HOUR	\$54.08
ADENOVIRUS PRODUCTION-COLUMN	\$530.45
ADENOVIRUS PRODUCTION-CSCL	\$795.68
ADENOVIRUS TITER DETERMINATION	\$265.23
ALIUQUOTING SAMPLES	\$0.00
anti-HBs Ab (Diasorin)	\$10.00
BENCH FEE CHARGE, PER WEEK	\$500.00
CAPITAL EQUIPMENT	\$0.00
cDNA Synthesis	\$50.00
Cell Count & Viability	\$0.00
CGAP/MGC SPECIAL REQUEST	\$1.00

DNA Extract midi, OD, ERV-3 (< 2 ml)	\$56.00
DNA Extract mini, OD, ERV-3 (< 200ul)	\$49.00
Double amp + Affy chip	\$1,197.00
EBV EA ELISA (Genbio)	\$8.00
EBV EA Titer	\$86.00
EBV EBNA1 ELISA (Genbio)	\$8.00
EBV EBNA1 TaqMan (Cells)	\$68.00
EBV EBNA1 TaqMan (DNA)	\$36.00
EBV EBNA1 Titer	\$86.00
EBV pol TaqMan (Cells)	\$68.00
EBV pol TaqMan (DNA)	\$36.00
EBV VCA IFA (IgG)	\$8.00
EBV VCA IgG ELISA (Genbio)	\$8.00
EBV VCA IgG Titer	\$86.00
EBV VCA IgM ELISA (Genbio)	\$8.00
EBV VCA IgM Titer	\$86.00
HBsAg ELISA (BioRad)	\$10.00
HBV TAQMAN (PLASMA)	\$56.00
HBVcore ELISA (Ortho)	\$9.00
HBVcore Titer (Ortho)	\$100.00
HCV ELISA (In-House)	\$5.00
HCV ELISA (Ortho)	\$21.00
HCV RIBA (Ortho)	\$282.00
HCV TaqMan (RT-PCR)	\$62.00
HCV Titer (In-House)	\$52.00
HCV Titer (Ortho)	\$187.00
HIV TaqMan (RT-PCR)	\$62.00
HIV-1 ELISA (Biorad)	\$14.00
HIV-1 Titer (Biorad)	\$150.00
HTLV tax TaqMan (Cells)	\$75.00
HTLV-1 ELISA (BioMerieux)	\$8.00
HTLV-1 Titer (BioMerieux)	\$81.00
HTLV-I/II WB (GeneLabs)	\$138.00
KSHV K6 TaqMan (Body Fluids)	\$0.00
KSHV K6 TaqMan (Cells)	\$0.00
KSHV K6 TaqMan (DNA)	\$0.00
KSHV K8.1 ELISA	\$4.00
KSHV K8.1 Titer	\$52.00
KSHV LANA IFA	\$11.00
KSHV ORF 73 Titer	\$52.00
KSHV ORF73 ELISA	\$4.00
LANA IFA Titer	\$105.00
LUMINEX (DUPLICATES)	\$0.00
LUMINEX (SINGLETS)	\$0.00
MGC CELL LINE POLY A RNA, PER 5 ug	\$26.52
MGC CELL LINE RNA, PER 100ug	\$10.61
MGC-CDS CLONING	\$530.45
MISCELLANEOUS ELISA	\$0.00
PAXgene RNA Extraction	\$91.00
PLASMID PREPARATION FOR CONTROLS	\$530.45
RBC DNA Extract midi, OD (< 2 ml)	\$43.00
RNA Analysis (Agilent 2100)	\$28.00

RNA Extraction - TISSUE (Trizol+RNAeasy)	\$69.00
RNA Extraction (Trizol+RNAeasy)	\$38.00
Single amp + Affy chip	\$1,149.00
SPECIAL REQUEST	\$1.00
SPECIAL REQUEST	\$0.00
VIRAL GENE CHIP - DNA	\$1,058.00
VIRAL GENE CHIP - RNA	\$1,050.00