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## Blood Banking Products

**BLOOD BANKING DERIVED PRODUCTS** are distributed under our FDA Registration.

### **RED BLOOD CELL UNITS**

Expired RBC's  
Indate RBC's  
Autologous Whole Blood

### **WHITE BLOOD CELLS**

Source Leukocytes  
Buffy Coats

### **LEUKOREDUCTION SYSTEM**

(LRS) Chambers from  
Plateletpheresis

### **PLATELETS**

Expired Random donor PLT's

### **PLASMA**

HIV-1/2 Ab  
HTLV-I/II  
HBVsAg  
HBC Ab  
HCV Ab  
HCV RNA by NAT  
HBV RNA by NAT  
HIV RNA by NAT  
ZIKA RNA by NAT  
WNV RNA by NAT  
CHAGAS Ab  
Syphilis (RPR)  
CMV Ab  
Typical Antibody Screen +

### **SPECIALIZED COLLECTIONS**

ALLO ANTIBODIES  
PHENOTYPES  
TEST NEGATIVE NORMALS – Plasma or  
Serum, Age/Gender Specific Geographic  
Region

**Transmissible Infectious Risk!** May be HIV, HBV and HCV REACTIVE or of unknown infectious agent test status. Materials provided are derived from human blood and other bio-fluids. Handle all samples as if capable of transmitting infectious agents. Practice good laboratory technique and dispose of in properly marked medical waste. The use of these materials is for non-transfusion application only.

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## LABORATORY DERIVED PRODUCTS

LABORATORY DERIVED PRODUCTS are collected under our IRB's with approved protocols with a waiver of Informed Consent. All sample collections are de-Linked & de-Identified.

### INFECTIOUS – All Assays

CMV  
 EBV  
 HCV  
 HEPATITIS  
 HETEROPHILE  
 HSV  
 HTLV  
 LYME  
 MUMPS  
 PARVO  
 TOXO  
 RPR  
 RUBEOVA  
 VARICELLA  
 RUBELLA

### ESOTERIC

AMNIOTIC FLUID  
 BRONCHOALVEOLAR LAVAGE  
 CEREBRAL SPINAL FLUID  
 ENDOTRACHEAL ASPIRATE  
 LIQUID CYTOLOGY VIALS (ASCUS, LSIL, HSIL)  
 PLEURAL FLUID  
 SPUTUM  
 TRANSPLANT SAMPLES  
 (Cyclosporine, Sirolimus, Tacrolimus)

### HEMATOLOGY – All Assays

CBC  
 CBC /DIFFERENTIAL  
 SED RATE

### RESPIRATORY PATHOGENS

ADENOVIRUS (A, B, C, D, E, and F)  
 BORDETELLA HOLMSEI  
 BORDETELLA PERTUSSIS  
 BORDETELLA PARAPERTUSSIS  
 CHLAMYDIA PNEUMONIAE  
 CORONAVIRUS 229E  
 CORONAVIRUS HKU1  
 CORONAVIRUS NL63  
 CORONAVIRUS OC43  
 ENTEROVIRUS/RHINOVIRUS  
 FLU A in UTM/Remel fluid  
 FLU B in UTM/Remel fluid  
 HUMAN METAPNEUMOVIRUS  
 INFLUENZA A  
 INFLUENZA A (Subtype H1)  
 INFLUENZA A (Subtype 2009 H1N1)  
 INFLUENZA A (Subtype H3)  
 INFLUENZA B  
 MYCOPLASMA PNEUMONIAE  
 PARAINFLUENZA 1  
 PARAINFLUENZA 2  
 PARAINFLUENZA 3  
 PARAINFLUENZA 4  
 RESPIRATORY SYNCYTIAL VIRUS  
 (Inclusive to RSV A & RSV B)

### ONCOLOGY – All Assays

AFP  
 CA15-3  
 CA19-9  
 CA 125  
 Free PSA  
 PAP  
 Total PSA

### CHEMISTRY – All Assays

ALT  
 AMMONIA  
 AST  
 CK  
 CKMB  
 CRP  
 FOLATE  
 GGT  
 GLUCOSE  
 HEPATIC PANEL  
 HBA1C  
 HS CRP  
 IRON PANEL  
 LIPASE  
 LIPID PROFILE  
 NT PRO BNP  
 THYROID PANEL  
 TOTAL PROTIEIN  
 CSF  
 TROPONIN I  
 TROPONIN T

### ENDOCRINE – All Assays

B12  
 BHCG  
 BUN  
 CORTISOL  
 CREATININE  
 ESTRADIOL  
 FREE PSA  
 FREE T3  
 FRUCTOSAMINE  
 FSH  
 GLYCOHEMOGLOBIN  
 HBA1C  
 TT3  
 HCG  
 LH  
 PROGESTERONE  
 PROLACTIN  
 PTH  
 TSH  
 TESTOSTERONE  
 THYROXINE  
 TOTAL PSA

### IMMUNOLOGY – All Assays

ANA  
 ASO  
 CRP  
 dsDNA  
 RF

### THERAPEUTIC TOXICOLOGY – All Assays

CARBAMAZEPINE  
 DIGOXIN  
 ETHOSUXIMIDE  
 GENTAMYCIN  
 NAPA  
 PROCAINAMIDE  
 QUINIDINE DILATIN  
 THEOPHYLLINE  
 TOBRAMYCIN  
 VANCOMYCIN  
 VALPROIC ACID

### STD TESTING All Assays

CHLAMYDIA  
 GONORRHEA  
 HERPES  
 HPV  
 SYPHILIS (RPR)  
 TRICHOMONIASIS

### DRUG OF ABUSE Urine – All Assays

ALPRAZOLAM  
 AMPHETAMINE  
 BENZOYLECGONINE  
 BUPRENORPHINE  
 BUTALBITAL  
 CODEINE  
 HYDROCODONE  
 HYDROMORPHONE  
 LORAZEPAM  
 MDMA  
 METHADONE  
 METHAMPHETAMINE  
 MORPHINE  
 NORTRIPTYLINE  
 OPIATES  
 OXYCODONE  
 PCP  
 PHENOBARBITAL  
 THC

### STOOL

NEGATIVE or POSITIVE PRESERVED  
 STOOL MERIDIAN / CARY BLAIR  
 PRESERVATIVE  
 NEGATIVE RESIDUAL UNPRESERVED

### STOOL BACTERIA

CAMPYLOBACTER  
 CLOSTRIDIUM DIFFICILE TOXIN A/B  
 PIESIOMONAS SHIGELLOIDES  
 SALMONELLA  
 VIBRIO  
 YERSINA ENTEROCOLITICA

### DIARRHEAGENIC E.COLI/SHIGELLA

ENTEROAGGREGATIVE E.COLI (EAEC)  
 ENTEROPATHOGENIC E.COLI (EPEC)  
 ENTEROTOXIGENIC E.COLI (ETEC)  
 SHIGA-LIKE TOXIN PRODUCING E.COLI  
 SHIGELLA/ENTEROINVASIVE E.COLI (EIEC)

### PARASITES

CRYPTOSPORIDIUM  
 CYCLOSPORA CAYETANENSIS  
 ENTAMOEBA HISTLYTICA  
 GIARDIA LAMBLIA

### VIRUS

ADENOVIRUS  
 ASTROVIRUS  
 NOROVIRUS GI/GII  
 ROTAVIRUS A  
 SAPOVIRUS

### SWABS All Assays

NASOPHARYNGEAL FLU (NP Swab)  
 ORAL  
 RECTAL  
 VAGINAL

### ALLERGEN

ANIMAL  
 DRUGS  
 ENVIRONMENTAL  
 FOODS  
 LATEX  
 PLANTS  
 SEASONAL

## Custom Testing

### COMPARATIVE METHOD TESTING SURPLUS SAMPLE TESTING



We manage the performance of specific tests on remnant samples provided by us or the diagnostic company.

A comparison of methods experiment is performed to estimate inaccuracy of systematic error. One performs this experiment by analyzing patient samples by the new method (test method) and a comparative method, then estimate the systematic errors on the basis of the differences observed between the methods.

This testing is available on a large option of instrument platforms.

## Analytical Instrumentation

### CHEMISTRY/IMMUNOLOGY

Roche Cobas 6000 (c501)  
Diasorin Liaison XL  
Biorad Bioplex 2200  
Siemens Advia 1800  
Siemens Advia 2400  
Siemens Immulite 2000  
Siemens Immulite 2000 Xpi  
Siemens Centaur XP  
Dynex DS2 (currently only used for QuantiFERON TB Gold)  
Trinity Biotech TrinBlot Processor & Reader (Lyme WB)  
Diasorin Liaison XL

### HEMATOLOGY

Beckman LH750  
Siemens A560  
Biorad Variant II Turbo  
Siemens 2120  
Trinity Premier HB9210

### COAGULATION

IL ACL Elite Pro  
Siemens/Sysmex CA620  
Siemens BFT II

### MICROBIOLOGY

Beckman Walkaway 40  
Beckman Autoscan 4

### MOLECULAR/GENETICS/ CYTOPATHOLOGY

Hologic T2000  
Hologic T5000  
Hologic Panther  
Hologic ThinPrep Imaging System  
Luminex ARIES  
Biofire Filmarray  
Quidel Amplivue  
QIACube (DNA Extraction)  
QIAgility (PCR Setup)

### URINALYSIS

Siemens Advantus  
Siemens/Sysmex AUWi Pro

### HEMATOLOGY

Beckman LH750

### MASS SPECTROMETRY

Agilent 6420 LC-MS  
Agilent 6460 LC-MS  
Agilent 7700 ICP-MS  
Agilent 6490  
Agilent HPLC

### MISCELLANEOUS

Triage Meter Pro  
RapidLab 348  
Ortho Workstation (Blood Bank)

### IFA SCOPES