

## Bulk Sera Biologics (Wholeblood, Serum, Plasma, Urine)

### HIV

- PCR Quantified
- bDNA Quantified
- Anti-HIV 1/2
- HIV-Ag
- HIV Western Blot
- HIV False Positive

### HCV

- PCR Quantified
- bDNA Quantified
- HCV Genotyped
- Anti-HCV
- HCV RIBA Profiled
- RIBA 2.0 Ind/3.0 Pos.
- HCV Ag
- HCV False Reactive

### Other Bulk Sera

- Autoimmune Disease
- HTLV 1/2 Confirmed
- Syphilis Confirmed Reactive
- Toxo IgG/IgM
- Rubella IgG/IgM
- CMV IgG/IgM
- Lyme IgG/IgM
- TP Positive
- HSV 1/2 IgG/IgM
- Tumor Marker
- Post Menopausal
- Whole Blood
- Platelets
- Expired Red Blood Cells
- Urine

### Interference Specimens

- Elevated Rheumatoid Factor
- Elevated Triglyceride
- Elevated Cholesterol
- Elevated ALT
- Lipemic
- Icteric
- Hemolyzed
- HAMA Positive
- Third Trimester Pregnancy
- ANA Positive
- Multiple Myeloma
- Multiparous Females

### HBV

- HBV Neutralized
- HBsAg Reactive
- HBV PCR Qualitative
- Anti-HBc
- Anti-HBc IgM
- HBeAg/Anti-HBe
- HBsAg False Reactive
- HBV Subtype ad or ay

## Clinical Specimens

### Hepatitis B Virus

- Chronic infection
- Acute Infection
- HBV Recovered
- HBV Viral Load
- HBV Vaccine Panels
- Patients at Risk of Transmitting Hepatitis B

### Hepatitis C Virus

- Chronic Infections
- Acute Infections
- HCV Viral Load
- Longitudinal Collections
- Patients at Risk of Transmitting Hepatitis C

### HIV/AIDS

- CDC Defined Late Stage Patients
- Asymptomatic
- Retroviral Naive Patients
- Pre/Post Anti-Viral Treatments
- HIV Viral Load
- Patients at Risk of Transmitting HIV

### OB/GYN

- Polycystic Ovary Syndrome
- Endometriosis
- Pregnancy, Trimester Specific
- Menstrual Cycle Panels
- Pre/Post Menopausal

### Autoimmune

- Rheumatoid Arthritis
- Autoimmune Hepatitis
- Systemic Lupus
- Scleroderma
- Osteoporosis
- Sjogrens Syndrome

### Oncology

- Ovarian Cancer
- Breast Cancer
- Colorectal Cancer
- Prostate Cancer
- Lung Cancer
- Small Cell Lung
- Liver Cancer
- Kidney Cancer
- Skin Cancer

### Cardiovascular

- Hypertensive
- Hyperlipidemia
- Myocardial Infarctions
- Congestive Heart Failure

### Miscellaneous

- IV Drug Abusers
- Men Sex Men (MSM)
- High Risk Behavior
- Sexually Transmitted Diseases
- Alcoholic Cirrhosis
- Hemophiliacs
- Dialysis
- Multiple Sex Partners
- Transplant Recipients
- Elevated Lipids

## Correlation Specimens

### Abused Drugs

- Acetaminophen
- Amphetamines
- Barbiturates
- Benzodiazepine
- Cannabinoids
- Ethanol
- Methadone
- Methamphetamines
- Opiates
- Phencyclidine
- Propoxyphene
- Salicylate
- Tricyclic Antidepressants

### Congenital Disorders

- CMV IgG/IgM
- Rubella IgG/IgM
- Toxo IgG/IgM

### Diabetes

- Insulin
- Glycated HbA1c

### Anemia

- B-12
- Ferritin
- Folate

### Heart Disease

- CK-MB
- Myoglobin
- Troponin I
- Homocysteine

### Autoimmune

- RF
- ANA
- dsDNA
- ssDNA
- SSA
- SSB
- Scl-70
- Jo-1

### General Chemistries

- Albumin
- ALT
- Alkaline Phosphate
- AST
- Amylase
- Bilirubin
- Calcium
- Chloride
- Cholesterol
- Creatinine
- CK
- GGT
- Glucose
- HDL
- IgA
- IgG
- IgM
- LDL
- Lipase
- Magnesium
- Phosphorus
- Potassium
- Protein
- Sodium
- Triglyceride
- Uric Acid
- UIBC

### Cancer

- AFP
- CA 125
- CA 15-3
- CA 19-9
- CEA
- CA 27-29
- CA 72-4
- Cyfra
- HER2 Nu
- NSE
- PAP
- Free PSA
- Total PSA

### Hepatitis/HIV

- HIV 1/2 Ab
- HIV Ag
- HIV PCR/HIV bDNA
- HBsAg, HBeAg, HBcIgM
- Anti-HBc, Anti-HBs, Anti-HBe
- HBV DNA
- Anti-HCV
- HCV PCR/HCV bDNA
- HAV IgG/HAV IgM
- HTLV 1/2

### Thyroid/Endocrinology

- ACTH
- TSH
- Total T3
- Total T4
- T Uptake
- Free T4
- TPG
- Anti-TPO
- Anti-TG

cont. →

**Correlation Specimens** *(continued)*

**Therapeutic Drug Monitoring**

- Carbamazepine
- Cortisol
- Digoxin
- Gentamicin
- Phenobarbital
- Phenytoin
- Procainamide
- Quinidine
- Theophylline
- Tobramycin
- Valproic Acid
- Vancomycin

**Other**

- H.Pylori
- Cyclosporine
- FK-506
- FLM
- Methotrexate
- Random Hospital Specimens

## Custom Collections

### Anti-Coagulant Studies

- Matched sets from single subjects
- Normal and infectious subjects
- Custom (Handling per your specifications)

### Subject Contracting

- Special collections from unique subjects
- Based on a physician's diagnosis
- Defined inclusion/exclusion criteria
- Serum, plasma, or whole blood
- Normal and disease-state subjects

### RNA Collections

- HIV/HCV/HBV/Normals
- Volumes up to 250 mL per collection
- Anti-Viral medication specific
- PCR/bDNA Quantified
- HCV Genotyping
- EDTA, Serum, ACD, CPD, Heparin, Citrate

### Stability Studies

- HIV/HCV/HBV/Normals
- Matched Sets and Collection Tube Studies  
(i.e. Serum, EDTA, PPT, ACD, CPD, Heparin, Citrate)
- Freeze Thaw Analysis
- PCR or bDNA Quantified
- Genomic Collections

### Tissue Collections

- Paraffin Embedded, OCT, or Frozen Specimens
- Oncology, Gynecology, Endocrine, Neurological, and Infectious Disease
- Matched serum available

### Vaccine Studies

- Flu
- Lyme
- Hepatitis A and B

## Custom Tissue Collections

- |                  |                   |                  |                   |                       |           |
|------------------|-------------------|------------------|-------------------|-----------------------|-----------|
| • Adenoid        | • Cartilage       | • Liver          | • Penis           | • Smooth Muscle       | • Tongue  |
| • Adipose        | • Cervix          | • Lung           | • Peritoneum      | • Soft Tissue         | • Tonsil  |
| • Adrenal        | • Colon           | • Lymph node     | • Pharynx         | • Spinal Cord         | • Trachea |
| • Anal Sphincter | • Esophagus       | • Mouth          | • Pituitary       | • Spleen              | • Ureter  |
| • Aorta          | • Eye             | • Muscle         | • Placenta        | • Stomach             | • Urethra |
| • Artery         | • Fallopian Tubes | • Navel          | • Prostate        | • Submandibular Gland | • Uterus  |
| • Bladder        | • Gall Bladder    | • Nerve          | • Rectum          | • Synovium            | • Vagina  |
| • Blood          | • Gum             | • Omentum        | • Salivary Gland  | • Testis              | • Vein    |
| • Bone           | • Heart           | • Ovary          | • Serum           | • Thalamus            | • Vulva   |
| • Bone Marrow    | • Intestine       | • Pancreas       | • Skeletal Muscle | • Thorax              |           |
| • Brain          | • Kidney          | • Paranasal Area | • Skin            | • Thymus              |           |
| • Breast         | • Larynx          | • Parathyroid    | • Small Intestine | • Thyroid             |           |
| • Bronchus       | • Lip             | • Parotid        |                   |                       |           |