

## INVITROCYP™ Mixed Gender Human Microsomes — Liver, 150-Donor Pool, Frozen, 10 mg @ 20 mg/mL

**Product: X008070 | Lot: DNJ**

**Storage: ≤ -70 °C**

### Protein & p450 Concentration

|                   |             |              |         |
|-------------------|-------------|--------------|---------|
| <b>Protein</b>    | 20—26 mg/mL | <b>20.8</b>  | mg/mL   |
| <b>Total P450</b> | nmol/mg     | <b>0.458</b> | nmol/mg |
| <b>Volume</b>     | ≥ 0.5 mL    | <b>0.56</b>  | mL      |

Protein and p450 values are average concentrations of samples from the beginning, middle, and end of the production run.

### Metabolic Activity

|         |                                   | Conc. [μM]*       |                  |                    |                             | Result**         |                    |
|---------|-----------------------------------|-------------------|------------------|--------------------|-----------------------------|------------------|--------------------|
| Enzyme  |                                   | Substrate         | K <sub>m</sub> * | V <sub>max</sub> * | Metabolite                  | K <sub>m</sub> * | V <sub>max</sub> * |
| ECOD    | 7- Ethoxycoumarin O-Deethylation  | 7-Ethoxycoumarin  | 75               | NA                 | 7-HC, 7-HCG, and 7-HCS***   | 245              | NA                 |
| UGT     | 7-Hydroxycoumarin Glucuronidation | 7-Hydroxycoumarin | 30               | NA                 | 7-HCG                       | 2694             | NA                 |
| CYP1A2  | Phenacetin O-Deethylation         | Phenacetin        | 50               | 500                | Acetaminophen               | 206              | 633                |
| CYP2A6  | Coumarin 7-Hydroxylation          | Coumarin          | 3                | 40                 | 7-HC, 7-HCG, and 7-HCS      | 390              | 550                |
| CYP2B6  | Bupropion Hydroxylation           | Bupropion         | 50               | 400                | Hydroxybupropion            | 137              | 277                |
| CYP2C8  | Amodiaquine N-Desethylation       | Amodiaquine       | 2                | NA                 | Desethylamodiaquine         | 847              | NA                 |
| CYP2C9  | Tolbutamide Methyl-hydroxylation  | Tolbutamide       | 125              | 1000               | 4'-Methylhydroxytolbutamide | 148              | 322                |
| CYP2C19 | S-Mephenytoin 4'-Hydroxylation    | S-Mephenytoin     | 50               | 500                | 4'-Hydroxymephenytoin       | 41.9             | 73.2               |
| CYP2D6  | Dextromethorphan O-Demethylation  | Dextromethorphan  | 8                | 50                 | Dextrophan                  | 50.0             | 180                |
| CYP2E1  | Chlorzoxazone 6-Hydroxylation     | Chlorzoxazone     | 50               | 500                | 6-Hydroxychlorzoxazone      | 559              | 1246               |
| CYP3A4  | Testosterone 6β-Hydroxylation     | Testosterone      | 40               | 600                | 6β-Hydroxytestosterone      | 859              | 1715               |
| CYP3A4  | Midazolam 1-Hydroxylation         | Midazolam         | 4                | 24                 | 1-Hydroxymidazolam          | 491              | 718                |

\*Measured at apparent K<sub>m</sub> and V<sub>max</sub> concentration where appropriate

\*\*Metabolite rate of formation is measured in pmol/min/mg

\*\*\*7-hydroxycoumarin (7-HC), 7-hydroxycoumarin glucuronide (7-HCG), 7-hydroxycoumarin sulfate (7-HCS)

Metabolic assays are run in triplicate. Activity results analyzed by HPLC-UV or LC/MS/MS validated procedures. Metabolite formation for all enzymes is measured after incubation at 37°C, 5% CO<sub>2</sub>. Final protein concentrations and incubation times are as follows: ECOD, UGT, CYP1A2, CYP2B6 and CYP2C19 – 30 min/0.50 mg/mL; CYP2C9, CYP2D6 and CYP2E1 – 30 min/0.25 mg/mL; CYP2A6 – 10 min/0.50 mg/mL; CYP3A4 – 10 min/0.25 mg/mL and CYP2C8 – 10 min/0.025 mg/mL

Results for this lot have been derived through validated testing methods and confirmed by Quality Assurance.

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**Caution:** This product was prepared from human tissue. Treat all products containing human-derived materials as potentially infectious, as no known test methods can offer assurance that products derived from human tissues will not transmit infectious agents.

This product is being sold for research and/or manufacturing purposes only. The biological samples supplied by BioIVT, or any material isolated from the samples, are for in-vitro research use only and are not to be used as a source of material for clinical therapies. Human material may be used in vivo in animals. The user assumes all responsibility for its usage and disposal, in accordance with all regulations.

As of March 5<sup>th</sup>, 2018, "BioIVT" will replace the current brand of BioreclamationIVT and those of each of its affiliates and subsidiaries: IVT Holdings Inc., Asterand Bioscience, Inc., Asterand UK Acquisition limited, Asterand US Acquisition Corporation, Labquote.com LLC, ILSBio LLC, Seratrials LLC, Sera Laboratories International Ltd., Translational Cell Science LLC, Bioreclamation-IVT India Private Limited, In Vitro Inc., In Vitro GmbH, Qualyst Holdings LLC, Qualyst Transporter Solutions LLC.

### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race      | Cause of<br>Death             | BMI  | Social History  | Medical History   | EBV             | Serology****<br>RPR | CMV             |
|----------------|-----------|-------------------------------|------|---|---|-----------------|---------------------|-----------------|
| 41<br>Female   | Hispanic  | Stroke                        | 28.1 | No ETOH, Tobacco or<br>Drug use   | Appendectomy 16yrs<br>ago   | Not<br>Reported | Negative            | Positive        |
| 59<br>Female   | Caucasian | ICH; 2nd to<br>Stroke         | 24.5 | No ETOH, Tobacco or<br>Drug use   | Double<br>mastectomy/chemo for<br>breast cancer 15yrs ago,<br>migraines; Meds: keflin,<br>levophed, calcium,<br>Crestor | Positive        | Negative            | Positive        |
| 49<br>Female   | Asian     | CVA/Stroke                    | 23.0 | No ETOH, Tobacco or<br>Drug use   | Hypertension, Diabetes x<br>6-10yrs; Meds: possible<br>anti-hypertension meds   | Not<br>Reported | Negative            | Not<br>Reported |
| 51<br>Female   | Asian     | CVA                           | 17.7 | No ETOH, Tobacco or<br>Drug use   | Cardiomyopathy  | IgG+            | Negative            | Negative        |
| 52<br>Female   | Caucasian | ICH; 2nd to<br>Head<br>Trauma | 31.4 | ETOH: 2 drinks on<br>weekends; Tobacco: 1/2<br>to 1ppd x 33yrs; No Drug<br>use  | Hypertension x 10-15yrs,<br>controlled w/ low sodium<br>diet, HBV NAT Negative  | IgG+            | Negative            | Negative        |
| 55<br>Female   | Caucasian | Anoxia                        | 26.3 | Tobacco: Unknown<br>amount or duration;<br>Drugs: meth, cocaine x<br>1yr; marijuana 1 time 12yrs<br>ago; No ETOH use  | Diabetes - type and<br>duration unknown   | IgG+            | Negative            | Positive        |
| 21<br>Female   | Hispanic  | Anoxia;<br>2nd to CVA         | 27.0 | ETOH: 1 beer or 2 vodka<br>drinks once every 2 mos x<br>1yr; Tobacco: 1.5ppd x<br>2yrs (current); Drugs:<br>Polysubstance abuse, no<br>IVDA, smoked<br>amphetamine, marijuana,<br>snorted cocaine | Asthma  | IgG+            | Negative            | Negative        |
| 47<br>Female   | Caucasian | Anoxia/<br>Stab/<br>Suicide   | 26.5 | ETOH: 1 drink 2x/yr since<br>high school; Tobacco:<br>1ppd x 35yrs; Drugs:<br>marijuana daily since high<br>school and cocaine once<br>in high school   | Hypertension diagnosed<br>17yrs ago, NIDDM x 19yrs  | IgG+            | Negative            | Positive        |
| 56<br>Female   | Caucasian | Cardiac,<br>Choking           | 24.5 | ETOH: 4-5 drinks more than<br>once a week x 30yrs;<br>Tobacco: 1/2ppd x 5yrs -<br>quit 15yrs ago; Drugs:<br>marijuana   | No Medical History<br>Reported  | IgG+            | Negative            | Positive        |
| 70<br>Female   | Caucasian | ICH/ Stroke                   | 31.7 | Tobacco: 1ppd x 25 -30yrs<br>- quit 3 months ago; No<br>Tobacco or Drug use   | Hypothyroidism,<br>hypertension,<br>hyperlipidemia; Meds:<br>cortisone, Synthroid,<br>aspirin, Lipitor                  | Not<br>Reported | Negative            | Positive        |

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| Age/<br>Gender | Race                | Cause of<br>Death                          | BMI  | Social History  | Medical History   | EBV             | Serology****<br>RPR | CMV             |
|----------------|---------------------|--|------|---|---|-----------------|---------------------|-----------------|
| 58<br>Female   | Caucasian           | Anoxia;<br>2nd to<br>pulmonary<br>embolism | 29.5 | ETOH: 6yrs extensively, 1<br>gallon of vodka everyday<br>- quit 1- 1.5yrs ago;<br>Tobacco: 40 pack yrs;<br>Drugs: Marijuana 1x<br>month; Tox screen positive<br>for ETOH and anti-<br>depressants | Bipolar; Meds:<br>antidepressant  | Not<br>Reported | Negative            | Not<br>Reported |
| 40<br>Female   | African<br>American | ICH; 2nd to<br>SAH &<br>cerebral<br>edema  | 36.4 | ETOH: social; Tobacco:<br>1ppd x 20yrs; Drugs:<br>possible marijuana  | Diabetes - inconsistent<br>w/meds, hypertension x<br>10yrs - non-compliant,<br>bipolar, pituitary tumor<br>8yrs ago - denied<br>treatment, renal cell<br>carcinoma - kidney;<br>Meds: Coreg, Effexor,<br>ferrous sulfate, Novolog<br>(insulin), Lipitor, lisinopril,<br>Norvasc, clonidine      | Not<br>Reported | Negative            | Positive        |
| 48<br>Female   | Caucasian           | CVA/ICH                                    | 32.8 | Tobacco: 1/2ppd x 33yrs;<br>No ETOH or Drug use   | Chronic bronchitis,<br>severe undiagnosed<br>cardiac history - close to<br>heart attack; Meds:<br>Advair  | IgG +           | Negative            | Positive        |
| 51<br>Female   | Caucasian           | Anoxia due<br>to Cardio-<br>vascular       | 34.2 | No ETOH, Tobacco, or<br>Drug use  | Hypertension x 5yrs,<br>diabetes not reported -<br>A1C 6.6  | Negative        | Negative            | Negative        |
| 59<br>Female   | Caucasian           | CVA  | 31.0 | ETOH: Socially - quit 20yrs<br>ago; Tobacco: 1ppd x<br>8yrs - quit 30yrs ago; No<br>Drug use  | Hypertension x >15yrs,<br>potential lupus 10yrs<br>ago, arthritis, tubal<br>ligation,<br>cholecystectomy; Meds:<br>Toprol, Hyzaar   | Positive        | Negative            | Negative        |
| 58<br>Female   | Caucasian           | CVA  | 32.3 | ETOH: 1-2 drinks/yr;<br>Tobacco: 1-2ppd x 30yrs -<br>quit 10yrs ago; No Drug<br>use   | Heterozygous leiden<br>factor 5 deficiency,<br>Hypertension x 5yrs,<br>pituitary adenoma 1yr<br>ago, Positive TB skin test -<br>not sure when cleared,<br>cellulitis; Meds: vitamins,<br>Neurontin, Lyrica,<br>Vicodin, doxazosin,<br>Diflucan, coumadin,<br>DVT's, fluoxetine, Zocor,<br>Zetia | Not<br>Reported | Negative            | Positive        |

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| Age/<br>Gender | Race      | Cause of<br>Death         | BMI  | Social History   | Medical History   | EBV          | Serology****<br>RPR | CMV      |
|----------------|-----------|---------------------------|------|--|---|--------------|---------------------|----------|
| 37<br>Female   | Caucasian | CVA                       | 31.2 | ETOH: approx. 10 drinks/day x 10yrs; Drugs: remote cocaine use; No Tobacco use   | No Medical History Reported   | Positive     | Negative            | Positive |
| 53<br>Female   | Caucasian | Anoxia                    | 23.7 | ETOH: 1/5 liquor & beer daily x 25yrs; Tobacco: 2ppd x 25yrs; No Drug use  | No Medical History Reported   | IgG +        | Negative            | Negative |
| 58<br>Female   | Caucasian | S/P Cardiac Arrest        | 24.2 | No ETOH, Tobacco, or Drug use  | Lyme's Disease, previous liver lac from horse kick to abdomen   | IgG+         | Negative            | Positive |
| 67<br>Female   | Hispanic  | Anoxia                    | 31.8 | No ETOH, Tobacco, or Drug use  | CAD, CHF, CABG, hypertension x 19yrs, diabetes x 25yrs  | IgG+         | Negative            | Positive |
| 61<br>Female   | Hispanic  | ICH/ Stroke               | 34.1 | ETOH: wine once/month x 45yrs; No Tobacco or Drug use  | Hypertension x 30yrs, diabetes x 5yrs   | IgG+         | Negative            | Positive |
| 49<br>Female   | Caucasian | CVA/ICH                   | 30.7 | ETOH: 1x month; No Tobacco or Drug use   | No Medical History Reported   | IgG+         | Negative            | Positive |
| 43<br>Female   | Caucasian | Anoxia                    | 34.5 | No ETOH, Tobacco, or Drug use  | Liver disease   | IgG+         | Negative            | Negative |
| 64<br>Female   | Caucasian | Head Trauma, Blunt Injury | 24.0 | ETOH: 1 drink - hard liquor 2x/yr x 20yrs - quit 20yrs ago; Tobacco: 1/2ppd x 40yrs - quit 4 months ago; No Drug use                         | COPD 10-12yrs, CAD, Rheumatic Heart Disease, V-tach, hypertension x 20+yrs  | IgG+         | Negative            | Positive |
| 26<br>Female   | Caucasian | Trauma                    | 35.8 | ETOH: heavy use - 1/5 a day, 4x a week; Drugs: IV DA - heroin and meth x 1.5yrs- current; No Tobacco use                                     | No Medical History Reported   | IgG+         | Negative            | Positive |
| 39<br>Female   | Caucasian | CVA/Stroke; 2nd to ICH    | 33.0 | ETOH: 6 pack/beer on weekends x 4yrs - quit 20yrs ago; Tobacco: 1/2ppd x 20 yrs.; Drugs: Meth, Benzos, Opiates; Tox screen positive for meth | Hypertension x 2yrs, Lupus x 2yrs, hematoma on kidney 1yr ago, history of pneumonia; Meds: hydroxychloroquine, furosemide, lisinopril, carvedilol, spironolactone, unspecified diet pills | IgG+         | Negative            | Negative |
| 40<br>Female   | Caucasian | Anoxia                    | 37.1 | ETOH: 2-3 drinks/month; No Tobacco or Drug use   | Asthma  | Negative     | Negative            | Negative |
| 32<br>Female   | Caucasian | Natural Causes            | 39.4 | ETOH: 1 drink/week; No Tobacco or Drug use   | No Medical History Reported   | IgG+         | Negative            | Positive |
| 77<br>Female   | Caucasian | Stroke/ICH                | 30.2 | ETOH: socially - 1 glass of wine/month; No Tobacco or Drug use   | No Medical History Reported   | Not Reported | Negative            | Positive |
| 52<br>Female   | Caucasian | Blunt Injury, MVA         | 31.2 | No Tobacco use; ETOH and Drug use - No Information provided  | Diabetes, hypertension  | IgG+         | Negative            | Positive |
| 61<br>Female   | Caucasian | Anoxia, Cardiac Arrest    | 18.0 | ETOH: rare beer; No Tobacco or Drug use  | Paroxysmal A-Fib, Cancer: Squamous Basal Cell Skin  | IgG+         | Negative            | Negative |

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|----------------|---|--|------|--|--|-----------------|-----------------|----------|
|                |   |  |      |  |  | EBV             | RPR             | CMV      |
| 55<br>Female   | Caucasian                                 | Overdose -<br>Heroin                   | 36.7 | ETOH: Vodka - unknown<br>amount; Tobacco: 1ppd x<br>15yrs; Drugs: heroin,<br>marijuana, cocaine  | No Medical History<br>Reported   | IgG+            | Negative        | Negative |
| 72<br>Female   | Caucasian                                 | CVA                                    | 29.8 | No ETOH, Tobacco, or Drug<br>use   | Hypertension   | IgG+            | Negative        | Negative |
| 71<br>Female   | Caucasian                                 | Anoxia/<br>Cardio-<br>vascular         | 28.7 | Tobacco: amount/type not<br>reported; No ETOH or Drug<br>use   | Asthma/Bronchitis,<br>hypertension x 20yrs,<br>Basal cell Squamous                   | IgG+            | Negative        | Positive |
| 62<br>Female   | Asian                                     | CVA                                    | 24.0 | No ETOH, Tobacco, or Drug<br>use   | Hypertension x 5yrs  | IgG+            | Negative        | Positive |
| 45<br>Female   | Caucasian                                 | Overdose                               | 31.9 | ETOH: 1 pint of liquor every 4<br>months; Tobacco: 1/2ppd x<br>13yrs - quit 1 yr ago; Drugs:<br>IVDA 2yrs ago, cocaine and<br>marijuana x 6 months       | Hypertension x 5yrs,<br>Diabetes x 10yrs   | IgG+            | Negative        | Negative |
| 12<br>Female   | Caucasian                                 | Anoxia; 2nd<br>to Cardio-<br>vascular  | 22.8 | No ETOH, Tobacco, or Drug<br>use   | No Medical History<br>Reported   | Not<br>Reported | Negative        | Negative |
| 58<br>Female   | American<br>Indian or<br>Alaska<br>Native | Anoxia; 2nd<br>to Cardio-<br>vascular  | 37.6 | Drugs: remote THC use; No<br>ETOH or Tobacco use   | Hypertension: 0-5<br>years - compliant<br>with meds                                  | IgG+            | Negative        | Negative |
| 53<br>Female   | Hispanic                                  | Anoxia; 2nd<br>to Cardio-<br>vascular  | 33.7 | No ETOH, Tobacco, or Drug<br>use   | Hypertension, ALS,<br>cholecystectomy  | IgG+            | Negative        | Positive |
| 63<br>Female   | Caucasian                                 | Head<br>Trauma;<br>Blunt Injury        | 34.0 | Tobacco: 1 pack/week -<br>quit 40+ yrs ago; No ETOH or<br>Drug use   | Breast cancer 1yr<br>ago - did not spread,<br>radiation done and<br>considered cured | IgG+            | Not<br>Reported | Positive |
| 52<br>Female   | Caucasian                                 | Head<br>trauma; 2nd<br>to SIGSW        | 38.8 | Tobacco: 3-4 per week x<br>20yrs; Drugs: snorted<br>cocaine x 10yrs - quit 8yrs<br>ago, Oxycodone - 6<br>tabs/day x 3yrs - quit 8yrs<br>ago; No ETOH use | No Medical History<br>Reported   | IgG+            | Negative        | Positive |
| 56<br>Female   | Caucasian                                 | CVA                                    | 23.5 | ETOH: Vodka occasionally;<br>Tobacco: unknown; No Drug<br>use  | Hypertension - 5+<br>years   | IgG+            | Negative        | Positive |
| 48<br>Female   | Hispanic                                  | CVA; 2nd to<br>ICH                     | 37.4 | No ETOH, Tobacco, or Drug<br>use   | Hypertension x 5yrs -<br>compliant   | IgG+            | Negative        | Positive |
| 59<br>Female   | Hispanic                                  | CVA                                    | 29.2 | ETOH: 2 drinks (Beer, Vodka,<br>Wine) once per month x<br>10yrs; No Tobacco or Drug<br>use   | Hypertension -<br>unknown duration   | IgG+            | Negative        | Positive |
| 42<br>Female   | Caucasian                                 | Head<br>Trauma;<br>Bicycle vs.<br>Auto | 27.9 | ETOH: previous - 2yrs ago;<br>Drugs: marijuana; No<br>Tobacco use  | No Medical History<br>Reported   | IgG+            | Negative        | Positive |
| 77<br>Female   | Caucasian                                 | ICH                                    | 20.0 | ETOH: couple of drinks a few<br>time/yr; Tobacco: 2<br>cigarettes daily - quit 10yrs<br>ago; No Drug use   | Hypertension x 12yrs,<br>Cancer - Oral 1yr<br>ago (surgically<br>removed)            | IgG+            | Negative        | Negative |

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|----------------|------------------|------------------------------------|------|--|--|--------------|---------------------|----------|
| 56<br>Female   | Caucasian        | Anoxia                             | 28.1 | Tobacco: 3-5 cigs/day x 40yrs; No ETOH or Drug use   | Asthma x 10yrs, COPD; Meds: Steroid, Albuterol   | Not Reported | Negative            | Positive |
| 51<br>Female   | African American | Cerebrovascular/Stroke; 2nd to ICH | 30.5 | ETOH: Cognac (1-3 glasses/mo) and beer (2-4/mo) x 15yrs - quit 9yrs ago; Tobacco: 1ppd x 30+ yrs; Drugs: Cocaine (specifics unknown) | Type 2 Diabetes - started w/ pills and progressed to insulin shot past 6yrs, hypertension x 6yrs, anxiety, acid reflux, diarrhea on and off past few years, diagnosed with COPD 4yrs ago; Allergic to Penicillin; Meds: Nexium, Tenormin, Lantus insulin, lisinopril, hydrocodone, Norco, ibuprofen, HCTZ, Xanax, Seroquel, Ambien, fibromyalgia meds, pump for COPD | IgG+         | Negative            | Positive |
| 53<br>Female   | Caucasian        | Head Trauma/MVA                    | 34.2 | Tobacco: 1.5ppd since teenager; No ETOH or Drug use  | Cardiac Disease - 2 heart attacks several yrs ago, Hypertension  | IgG+         | Negative            | Negative |
| 53<br>Female   | Caucasian        | CVA/Stroke                         | 39.2 | ETOH: Occasional; Tobacco: 1/3ppd since 18 - quit 4 months ago; Drugs: marijuana (last use 2 wks ago), Cocaine and Valium in 20's    | Hypertension >10yrs  | IgG +        | Negative            | Positive |
| 44<br>Female   | Caucasian        | Anoxia/Asphyxiation                | 38.7 | Tobacco: unknown amount/duration; Drugs: previous meth, marijuana, and acid use; No ETOH use   | Asthma diagnosed at age 13   | IgG+         | Negative            | Positive |
| 50<br>Female   | Caucasian        | Anoxia; 2nd to Cardiac Arrest      | 36.0 | ETOH: 1-2 glasses wine a night; Tobacco: 5-6 cigs/day x 4yrs; No Drug use  | No Medical History Reported  | Not Reported | Negative            | Positive |
| 57<br>Female   | Hispanic         | Head Trauma/MVA                    | 31.8 | ETOH: Occasional wine, 1-2 glasses; No Tobacco or Drug use   | No Medical History Reported  | IgG +        | Negative            | Negative |
| 70<br>Female   | Caucasian        | CVA/Stroke                         | 23.0 | ETOH: 2-3 drinks once every 3 months x 40yrs; Tobacco: 1/2ppd x 56yrs; No Drug use   | Hypertension >10yrs  | IgG+         | Negative            | Positive |
| 44<br>Female   | Caucasian        | Anoxia; 2nd to Cardiovascular      | 38.9 | ETOH: 1 glass of liquor socially; Tobacco: 1ppd x 30yrs; No Drug use   | Hypertension x 20yrs; Cardiac Disease: unspecified   | IgG+         | Negative            | Positive |
| 37<br>Female   | Caucasian        | Anoxia/ Cardiovascular             | 35.6 | ETOH: occasional beer, nothing in past year; Tobacco: 1ppd x 21yrs; Drug use reported - no specifics                                 | Diabetes x 5yrs  | IgG+         | Negative            | Positive |
| 64<br>Female   | Caucasian        | ICH                                | 29.3 | ETOH: Wine weekly; No Tobacco or Drug use  | No Medical History Reported  | IgG+         | Negative            | Positive |

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|----------------|---------------------|--|------|--|---|-----------------|---------------------|----------|
| 47<br>Female   | Caucasian           | CVA  | 36.5 | No ETOH, Tobacco, or<br>Drug use   | No Medical History<br>Reported  | Negative        | Negative            | Negative |
| 50<br>Female   | Caucasian           | Anoxia   | 36.0 | ETOH: 1 pint/day x 5yrs;<br>Drugs: snorted meth over<br>10yrs ago; No Tobacco<br>use   | Hypertension - duration<br>unknown  | IgG+            | Negative            | Negative |
| 73<br>Female   | Caucasian           | CVA  | 29.4 | ETOH: 2x/year x 52yrs; No<br>Tobacco or Drug use   | CABG, Valve<br>replacement, CHF,<br>Hypertension  | Not<br>Reported | Negative            | Positive |
| 39<br>Female   | African<br>American | Head<br>Trauma/MVA                                     | 17.7 | ETOH: 1 can of beer daily<br>x 15yrs; Drugs: positive for<br>marijuana on admission;<br>No Tobacco use   | Asthma - unknown<br>duration  | IgG+            | Negative            | Positive |
| 13<br>Female   | Caucasian           | CVA/Intra-<br>cranial<br>Hemorrhage                    | 15.9 | No ETOH, Tobacco, or<br>Drug use   | Chronic Lung disease as<br>an infant  | IgG+            | Negative            | Positive |
| 51<br>Female   | Caucasian           | Anoxia/CPA/<br>Natural                                 | 15.3 | ETOH: Wine, socially; No<br>Tobacco or Drug use  | No Medical History<br>Reported  | IgG+            | Negative            | Positive |
| 57<br>Female   | Caucasian           | Anoxia/<br>Cardiac                                     | 40.6 | No ETOH, Tobacco, or<br>Drug use   | Hypertension and<br>Diabetes - unknown<br>duration for both   | Not<br>Reported | Negative            | Negative |
| 60<br>Female   | Caucasian           | Anoxia,<br>Asphyxiation                                | 36.0 | No ETOH, Tobacco, or<br>Drug use   | Asthma, Hypertension ><br>10yrs (compliant),<br>Diabetes: 6-10yrs, Renal<br>CA found in OR this<br>admittance | IgG+            | Negative            | Negative |
| 57<br>Female   | Caucasian           | Natural<br>Causes; 2nd<br>to<br>Respiratory<br>Failure | 30.4 | ETOH: 1-2 drinks/yr x<br>15yrs; Tobacco: 1-5<br>cigarettes/day for about<br>a year - quit 35yrs ago;<br>No Drug use  | ARDS, Hypertension x<br>10yrs   | Not<br>Reported | Negative            | Negative |
| 55<br>Female   | Caucasian           | Anoxia/<br>Natural<br>Causes/<br>Accident<br>non MVA   | 40.7 | ETOH: 1-2 drinks/week x<br>30+ yrs; Tobacco: <1ppd<br>x 10yrs; No Drug use   | Hypertension x 20yrs  | IgG +           | Not<br>Reported     | Positive |
| 31<br>Female   | Caucasian           | Anoxia   | 31.1 | ETOH: whiskey more than<br>a couple times/week,<br>would binge drink,<br>drinking since teens;<br>Tobacco: 1ppd x 16yrs -<br>quit, unknown when;<br>Drugs: marijuana - last<br>used 4 mos ago, used<br>meth recently | No Medical History<br>Reported  | IgG+            | Negative            | Negative |
| 21<br>Female   | Caucasian           | Anoxia/ Drug<br>Intoxication                           | 32.6 | ETOH: mixed drinks<br>"socially" - a few drinks at<br>a time x 1.5yrs; Tobacco:<br>1.5 ppw x 3yrs; Drugs:<br>marijuana w/in 4-6<br>months, smoked heroin 1<br>week ago   | Asthma as a child -<br>treated w/ inhaler,<br>infrequently  | Negative        | Negative            | Negative |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race             | Cause of<br>Death                   | BMI  | Social History  | Medical History  | EBV          | Serology****<br>RPR | CMV      |
|----------------|------------------|-------------------------------------|------|---|--|--------------|---------------------|----------|
| 46<br>Female   | Caucasian        | Anoxia                              | 38.2 | ETOH: wine coolers once or twice a year;<br>Tobacco: 1ppd x 34yrs - quite 12yrs ago; Drugs: marijuana x 2yrs (last used 1yr ago), used edibles 2 months ago | Asthma x 10yrs, Hypertension x 10yrs, Type II diabetes diagnosed 3-4yrs ago; Meds: Metformin,  | IgG+         | Negative            | Negative |
| 58<br>Female   | Caucasian        | Anoxia                              | 25.0 | ETOH: 1 beer 3x/week x 37yrs - quit 7mos ago; Drugs: marijuana 4x daily x 4yrs; No Tobacco use  | Hypertension x 3 yrs - treated with meds, unknown compliance   | IgG+         | Negative            | Negative |
| 55<br>Female   | African American | Anoxia                              | 27.8 | Tobacco: 1/2ppd x 30yrs; No ETOH or Drug use  | COPD and Asthma - on home O2, MI, CABG 22yrs ago, Hypertension - unknown duration  | IgG+         | Negative            | Negative |
| 50<br>Female   | Caucasian        | Post Op complications               | 42.8 | No ETOH, Tobacco, or Drug use   | Bronchitis/ pneumonia  | IgG+         | Negative            | Positive |
| 55<br>Female   | Hispanic         | Head Trauma                         | 29.4 | ETOH: occasional beer; Tobacco: former smoker; Drugs: marijuana   | No Medical History Reported  | IgG+         | Negative            | Negative |
| 47<br>Female   | Caucasian        | CVA                                 | 25.8 | ETOH: few beers a week; No Tobacco or Drug use  | No Medical History Reported  | IgG+         | Negative            | Positive |
| 53<br>Female   | Caucasian        | Anoxia, Cardio-vascular             | 17.5 | ETOH: 2-3 drinks socially - quit 12yrs ago; Tobacco: 1/2ppd x 4yrs - quit 30yrs ago; No Drug use  | No Medical History Reported  | IgG+         | Negative            | Negative |
| 58<br>Male     | Hispanic         | IC Bleed                            | 31.0 | ETOH: 6-8 beers daily, hard liquor on occasion; Tobacco: 1.5ppd x 40yrs; No Drug use  | Hypertension x 5-6yrs (non-compliant for last 5 months), exposure to agent orange in Vietnam   | Not Reported | Negative            | Positive |
| 75<br>Male     | Caucasian        | Anoxic Brain                        | 32.6 | Tobacco: Quit 25+ yrs ago; No ETOH or Drug use  | Carotid Endarterectomy, hypertension, CAD, A Fib, CABG, NIDDM; Meds: Lipitor x 10yrs   | Not Reported | Negative            | Positive |
| 48<br>Male     | Hispanic         | Head Trauma; 2nd to Homicide        | 26.0 | ETOH: social - unknown quantity and duration; No Tobacco or Drug use  | Heart problems   | Not Reported | Negative            | Positive |
| 75<br>Male     | Caucasian        | Head Trauma; 2nd to Fell down steps | 25.1 | ETOH: 2 cases (beer)/week x 30yrs - quit 5yrs ago, vodka & OJ 10-12 everyday x 15yrs; Tobacco: 3ppd x 30yrs - quit 30yrs ago; No Drug use                   | COPD x 10yrs, Hypertension x 15yrs, open heart surgery 11yrs ago, unknown anemia problem (not iron-hemoglobin), transfusions; Meds: bone marrow medicine | Not Reported | Negative            | Negative |
| 38<br>Male     | Hispanic         | CVA                                 | 29.3 | ETOH: social, 1-2 beers weekends/special occasions; No Tobacco or Drug use  | No Medical History Reported  | Not Reported | Negative            | Negative |
| 29<br>Male     | Caucasian        | GSW                                 | 30.6 | ETOH: Alcoholic; Tobacco: 1ppd x 8yrs; No Drug use  | No Medical History Reported  | Not Reported | Negative            | Negative |



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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race      | Cause of<br>Death                           | BMI  | Social History  | Medical History   | EBV             | Serology****<br>RPR | CMV      |
|----------------|-----------|---|------|---|---|-----------------|---------------------|----------|
| 85<br>Male     | Caucasian | Head<br>Trauma; 2nd<br>to Fall from<br>roof | 38.2 | No ETOH or Tobacco<br>use; No Drug use<br>reported - Tox screen<br>positive for<br>benzodiazepines and<br>opiates   | NIDDM >10yrs,<br>Hypertension >10yrs -<br>compliant, ruptured<br>gallbladder - 35yrs ago,<br>flu shot 4 mos ago,<br>Cataracts-bilateral;<br>Meds: Oral meds for<br>diabetes, hypertension<br>Sq cell CA removed on<br>hands 6 mos. ago,<br>NIDDM x 10yrs,   | IgG+            | Negative            | Positive |
| 64<br>Male     | Caucasian | CVA   | 42.5 | ETOH: 2 beer/year;<br>Tobacco: 4ppd x 15yrs<br>previously - quit 20yrs<br>ago; No Drug use  | Hypertension x 15-20yrs,<br>PVD, Osteoarthritis,<br>kidney stones removed<br>33yrs ago; Meds:<br>Glucoside, quananine,<br>isosorbide, metoprolol,<br>aspirin  | Not<br>Reported | Negative            | Negative |
| 44<br>Male     | Caucasian | MVA   | 23.1 | ETOH: Heavy - unknown<br>quantity and duration;<br>Tobacco: 1ppd x 20yrs;<br>Drugs: marijuana &<br>cocaine (positive on<br>admit)   | No Medical History<br>Reported  | Not<br>Reported | Negative            | Positive |
| 57<br>Male     | Caucasian | Respiratory<br>Distress                     | 32.5 | ETOH: 8 oz brandy/day x<br>20yrs - quit 10yrs ago;<br>Tobacco: 1ppd x 20yrs,<br>quit 10yrs ago; Cocaine<br>x 8yrs - quit 20yrs ago.                                       | Hypertension x 10yrs,<br>GSW abdomen (long<br>ago), PVD, Asthma 2yrs<br>ago (maybe COPD),<br>Appendectomy   | Not<br>Reported | Negative            | Positive |
| 38<br>Male     | Caucasian | Blunt Head<br>Trauma; 2nd<br>to MVA         | 35.1 | ETOH: 3-5 beers socially<br>on weekends; Tobacco:<br>1-2ppw x 15yrs; Drugs:<br>none reported but<br>positive for THC on admit<br>and benzodiazepines<br>(after ACLS meds) | Hernia repair - 1 yr ago  | Not<br>Reported | Negative            | Negative |
| 46<br>Male     | Caucasian | CVA/ICH                                     | 28.0 | ETOH: 6 pack per day;<br>Tobacco: 8 cigars x<br>20yrs; Drugs: Marijuana   | Back surgery,<br>Rheumatic fever at<br>age 10   | Not<br>Reported | Negative            | Positive |
| 54<br>Male     | Caucasian | CVA   | 32.6 | Tobacco: 1ppd x 38yrs;<br>No ETOH or Drug use   | IBS x 9-10yrs,<br>hypertension x 10yrs,<br>NIDDM and Marfan<br>Syndrome diagnosed<br>7yrs ago, open heart<br>surgery for Marfan-<br>aneurism in heart 7yrs<br>ago, Kidney stones 5yrs<br>ago, 3 stents placed in<br>heart, right<br>decompression<br>hemiraniectomy;<br>Meds: High blood<br>pressure and oral meds<br>for NIDDM | Not<br>Reported | Negative            | Positive |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race      | Cause of<br>Death                      | BMI  | Social History   | Medical History   | Serology**** |          |          |
|----------------|-----------|--|------|--|---|--------------|----------|----------|
|                |           |  |      |  |   | EBV          | RPR      | CMV      |
| 70<br>Male     | Caucasian | Anoxia; 2nd to post-cardiac arrest     | 30.7 | No ETOH, Tobacco, or Drug use  | Cardiac arrest, Hypertension x 20yrs - compliant with meds, Heart murmur; Meds: Aspirin, Procardia  | Not Reported | Negative | Positive |
| 53<br>Male     | Caucasian | Anoxia; 2nd to MVA                     | 44.2 | Tobacco: 0.5ppd x 3yrs, quit ≥ 30yrs ago; No ETOH or Drug use  | Cardiac arrest, Gall bladder removed >10yrs ago, Hypertension x 3yrs - compliant with meds; Meds: Hypertension meds, MgSulfate                              | Positive     | Negative | Positive |
| 47<br>Male     | Caucasian | Anoxia; 2nd to cardio-pulmonary arrest | 54.8 | Tobacco: 0.5ppd x 15yrs - quit 4 months ago; No ETOH or Drug use   | Cardiac arrest, NIDDM; Meds: diabetes medications   | Not Reported | Negative | Positive |
| 49<br>Male     | Caucasian | CVA                                    | 36.0 | ETOH: 1-2 beers/month; Tobacco: 1ppd x 35yrs; Drugs: Marijuana 30+ yrs ago   | Cardiac arrest, depression, flu shot last year, infertility treatments 10yrs ago, chest pains - hemopexis 2yrs ago, infection due to smoking; Meds: Lexapro | Not Reported | Negative | Positive |
| 78<br>Male     | Caucasian | ICH                                    | 33.2 | ETOH: 4 beers/week; Tobacco: 0.5ppd x 10yrs - quit 40yrs ago; No Drug use  | Hypertension < 5yrs (non-compliant); Meds: Vitamins   | Negative     | Negative | Positive |
| 30<br>Male     | Caucasian | Anoxia; 2nd to Cardio-vascular         | 27.5 | ETOH: liquor - 2 drinks/day x 15yrs; Tobacco: 0.5ppd x 16yrs; Drugs: heroin, crack, and marijuana - unknown amount, duration, or frequency   | No Medical History Reported   | IgG +        | Negative | Negative |
| 37<br>Male     | Caucasian | Anoxia                                 | 32.3 | ETOH: More than 2 drinks (wine or vodka)/day x 10yrs; No Tobacco or Drug use   | Asthma since age 4  | Negative     | Negative | Positive |
| 50<br>Male     | Hispanic  | CVA; 2nd to ICH                        | 27.0 | ETOH: 2 hard liquor drinks/day x 5yrs; Tobacco: 4-5 cigarettes/day for > 20yrs; Drugs: marijuana, snorted cocaine, and orally took pain killers 3-5x per week x 20yrs between 25-45 years of age | Medications: Xanax 1 time per week for 2 years  | IgG+         | Negative | Negative |
| 64<br>Male     | Caucasian | CVA/ICH                                | 36.7 | Tobacco: quit 15yrs ago; Drugs: THC - 23yrs ago; No ETOH use   | COPD, Stents 10 & 15yrs ago, hypertension x 15yrs   | Not Reported | Negative | Positive |
| 71<br>Male     | Caucasian | Head Trauma; 2nd to fall               | 33.4 | No ETOH, Tobacco, or Drug use  | Diabetes - duration unknown   | IgG+         | Negative | Positive |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race      | Cause of<br>Death                   | BMI  | Social History   | Medical History   | EBV             | Serology****<br>RPR | CMV             |
|----------------|-----------|-------------------------------------|------|--|---|-----------------|---------------------|-----------------|
| 33<br>Male     | Caucasian | Drug<br>Intoxication                | 28.7 | ETOH: Binge drinker - 24<br>beers/day when<br>drinking; Tobacco: 1pk<br>per 2 weeks x 10yrs;<br>Drugs: marijuana;<br>snorted cocaine, orally<br>took speed, ecstasy,<br>mushrooms, and acid<br>between 18-20 y/o | No Medical History<br>Reported  | IgM+            | Negative            | Positive        |
| 62<br>Male     | Caucasian | CVA                                 | 24.0 | ETOH: 1 beer/yr x 40yrs;<br>Tobacco: 1ppd x 40<br>year, quit 12 years ago;<br>No Drug use  | COPD, MI, AICD, Stents,<br>Type 2 Diabetes,<br>Hypertension   | Not<br>Reported | Negative            | Not<br>Reported |
| 27<br>Male     | Caucasian | Head<br>Trauma                      | 27.0 | ETOH and Tobacco use:<br>unknown amount and<br>duration; No Drug use   | No Medical History<br>Reported  | IgG +           | Negative            | Positive        |
| 38<br>Male     | Caucasian | Anoxia<br>(Suicide)                 | 24.7 | ETOH: 3 - 6 cans/day;<br>Tobacco: daily smoker;<br>Drugs: Daily THC,<br>cocaine 5yrs ago, meth<br>prior to admit - IVDA and<br>smoked  | No Medical History<br>Reported  | Not<br>Reported | Negative            | Negative        |
| 53<br>Male     | Caucasian | ICH                                 | 37.1 | No ETOH, Tobacco, or<br>Drug use   | Hypertension, Diabetes  | IgG+            | Negative            | Negative        |
| 45<br>Male     | Caucasian | Anoxia                              | 35.4 | Tobacco: 1ppd; No<br>ETOH or Drug use  | No Medical History<br>Reported  | IgG+            | Negative            | Positive        |
| 35<br>Male     | Caucasian | Head<br>Trauma                      | 33.5 | ETOH: Minor, 2-3 per<br>month; No Tobacco or<br>Drug use   | No Medical History<br>Reported  | IgG+            | Negative            | Positive        |
| 47<br>Male     | Caucasian | Head<br>Trauma,<br>Blunt injury     | 41.6 | No ETOH, Tobacco, or<br>Drug use   | No Medical History<br>Reported  | Not<br>Reported | Not<br>Reported     | Positive        |
| 56<br>Male     | Caucasian | CVA                                 | 24.9 | Tobacco: 1-2ppd x 30yrs;<br>No ETOH or Drug use  | No Medical History<br>Reported  | IgG+            | Negative            | Negative        |
| 74<br>Male     | Caucasian | CVA                                 | 38.5 | ETOH: Unknown amount<br>or duration; No Tobacco<br>or Drug use   | Hypertension - unknown<br>duration  | IgG +           | Negative            | Positive        |
| 48<br>Male     | Caucasian | Anoxia                              | 39.4 | Tobacco: 1ppd x 30yrs;<br>No ETOH or Drug use  | CAD with stent<br>placement 1yr ago,<br>Hypertension - unknown<br>duration (non-compliant<br>with meds), Diabetes -<br>possible type 2<br>(undiagnosed) | Not<br>Reported | Negative            | Negative        |
| 59<br>Male     | Caucasian | Anoxia                              | 34.8 | ETOH: none in last 18yrs;<br>Tobacco: 1/2ppd x 8yrs -<br>quit 27yrs ago; No Drug<br>use  | Hypertension: 0-5yrs  | IgG+            | Negative            | Positive        |
| 44<br>Male     | Hispanic  | CNS tumor                           | 36.8 | No ETOH, Tobacco, or<br>Drug use   | No Medical History<br>Reported  | Not<br>Reported | Negative            | Positive        |
| 57<br>Male     | Caucasian | Anoxia; 2nd<br>to Cardiac<br>Arrest | 26.8 | ETOH: minor use, 3-4 per<br>week; No Tobacco or<br>Drug use  | A fib, Borderline<br>Hypertension   | Not<br>Reported | Negative            | Not<br>Reported |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race             | Cause of<br>Death              | BMI  | Social History  | Medical History  | EBV          | Serology****<br>RPR | CMV      |
|----------------|------------------|--------------------------------|------|---|--|--------------|---------------------|----------|
| 50<br>Male     | Caucasian        | CVA                            | 31.6 | ETOH: beer on weekends; Tobacco: 1ppwk x 30yrs; Drugs: marijuana x 35yrs - current  | NIDDM: Type 2 and Hypertension x 3yrs (non-compliant for both), diagnosed with Lyme's disease upon admission; Meds: Allopurinol, Metformin (non-compliant with both) | IgG +        | Negative            | Negative |
| 41<br>Male     | Hispanic         | Anoxia, Cardio-vascular        | 30.7 | ETOH: drank beer but not consistently; Drugs: for age 13 to 15 - type not specified; No Tobacco use   | CAD, Type 1 diabetes diagnosed 15 years  | Not Reported | Negative            | Positive |
| 26<br>Male     | African American | GSW to face                    | 32.4 | ETOH: social - wine; Tobacco: 1ppd; No Drug use   | No Medical History Reported  | IgG+         | Negative            | Positive |
| 49<br>Male     | Caucasian        | Cardiac Arrest                 | 28.5 | ETOH: 4 beers 4-5 days/week x 25yrs; Tobacco: 2ppd - duration unknown; No Drug use  | No Medical History Reported  | Not Reported | Negative            | Positive |
| 37<br>Male     | Caucasian        | Anoxia; 2nd to Cardio-vascular | 41.9 | ETOH: socially on weekends - quit 1.5yrs ago; Tobacco: socially for unknown duration - quit 7-9yrs ago; Drugs: smoked marijuana since college - last use 1 week ago | Jaundice at birth - resolved shortly after, vasectomy, flu vaccine last year; Meds: melatonin, Advil PM  | IgG+         | Negative            | Negative |
| 21<br>Male     | Caucasian        | Gunshot Wound                  | 21.8 | ETOH: occasional; Tobacco: 1ppw x 4yrs; No Drug use   | No Medical History Reported  | Not Reported | Negative            | Positive |
| 45<br>Male     | Caucasian        | Anoxia; 2nd to Cardio-vascular | 30.4 | ETOH: socially; Tobacco: 2ppd x 20yrs; Drugs: THC 10yrs ago   | Hypertension x 22yrs - compliant, 3 heart attacks over 23yrs, stent placement, heartburn - OTC treatment; Meds: Bystolic   | IgG+         | Negative            | Negative |
| 50<br>Male     | Hispanic         | CVA/Stroke                     | 38.1 | ETOH: 10-12 packs of beer/week and Tequila; Drugs: snorted cocaine 30yrs ago; No Tobacco use  | Hypertension x 2yrs with meds  | IgG+         | Negative            | Positive |
| 45<br>Male     | Caucasian        | Anoxia, Cardio-vascular        | 29.5 | ETOH: 3-4 vodka/wine per day x 20yrs; Tobacco: 1/4ppd x 20yrs; Drugs: marijuana 2x/day x 20yrs  | Hypertension - unknown duration  | IgG +        | Negative            | Positive |
| 53<br>Male     | Caucasian        | ICH                            | 28.5 | ETOH: 2-3 beers/week; Tobacco: previous tobacco chewer; No Drug use   | Hypertension - unknown duration  | IgG+         | Negative            | Positive |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race             | Cause of<br>Death                  | BMI  | Social History  | Medical History   | EBV          | Serology****<br>RPR | CMV      |
|----------------|------------------|------------------------------------|------|---|---|--------------|---------------------|----------|
| 57<br>Male     | Caucasian        | ICH/Stroke                         | 30.5 | ETOH: daily - at least 1 (beer, bourbon, wine) since teens; Tobacco: Smoked for 8yrs - quit 24yrs ago, smoked cigars 1x/yr; Drugs: experimented with cocaine, mushrooms, acid, and marijuana in high school | Asthma - inhaler rarely used, Cardiac ablation for SVT 7yrs ago, Hypertension x 7yrs - unknown treatment/compliance; HBsAb+ | IgG+         | Negative            | Positive |
| 35<br>Male     | African American | CVA                                | 37.5 | ETOH: 3-4 6-packs/day x 21yrs; Tobacco: 1ppd x 21yrs; No Drug use   | Asthma-outgrew in adolescence, Hypertension x 4yrs - no meds, borderline diabetes; HBcAb and NAT Neg                        | Not Reported | Negative            | Negative |
| 17<br>Male     | Caucasian        | Anoxia; 2nd to Hanging             | 20.2 | No ETOH, Tobacco, or Drug use   | Exercise induced asthma w/inhaler   | Negative     | Negative            | Negative |
| 53<br>Male     | Caucasian        | Anoxia, Cardio-vascular            | 21.5 | ETOH: several beers/day x 37yrs, hard liquor for past 2yrs; Tobacco: 0.5ppd x 12yrs, 1-2 cigs/day past 8yrs; Drugs: nonprescribed pain medication, cocaine and marijuana many years ago                     | No Medical History Reported   | Negative     | Negative            | Positive |
| 13<br>Male     | Caucasian        | SIGSW to the head                  | 31.6 | No ETOH, Tobacco, or Drug use   | No Medical History Reported   | IgG +        | Negative            | Positive |
| 34<br>Male     | Caucasian        | Anoxia                             | 34.5 | ETOH: 3-4 hard drinks or 12 beers a month; Tobacco: 2ppd for 6mo, 1ppd for 18yrs; Drugs: past meth, current marijuana   | No Medical History Reported   | Not Reported | Negative            | Negative |
| 33<br>Male     | Caucasian        | Anoxia                             | 24.1 | ETOH: social drinker - unknown amounts; Tobacco: 0.5ppd x 15yrs; Drugs: marijuana - unknown amount or duration  | Possible Hep A in childhood   | IgG+         | Negative            | Negative |
| 53<br>Male     | Caucasian        | Anoxia                             | 27.1 | ETOH: a couple of drinks 2-3 nights a week; Tobacco: quit 10yrs ago; Drugs: marijuana and cocaine past 3yrs   | Asthma  | IgG+         | Negative            | Positive |
| 54<br>Male     | Caucasian        | Self-inflicted burns with Gasoline | 37.5 | Tobacco: 1ppd x 38yrs; Drugs: poly substance abuse >5yrs ago, IVDA 20yrs ago; No ETOH use   | No Medical History Reported   | Not Reported | Negative            | Negative |
| 44<br>Male     | Hispanic         | Stroke                             | 30.3 | ETOH and Tobacco: unknown quantity or duration; No Drug use   | No Medical History Reported   | IgG+         | Negative            | Negative |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race                | Cause of<br>Death                   | BMI  | Social History  | Medical History  | EBV             | Serology****<br>RPR | CMV             |
|----------------|---------------------|-------------------------------------|------|---|--|-----------------|---------------------|-----------------|
| 58<br>Male     | African<br>American | Anoxia; 2nd<br>to Natural<br>Causes | 21.5 | ETOH: 1 beer/wk;<br>Tobacco: 2-3ppd x 33yrs;<br>Drugs: possibly THC and<br>cocaine on admit, Tox<br>screen positive for<br>cocaine  | Heart attack or seizures 2<br>weeks ago  | Positive        | Negative            | Positive        |
| 71<br>Male     | Caucasian           | Stroke                              | 27.3 | No ETOH, Tobacco, or<br>Drug use  | Cardiac Disease,<br>Hypertension, Diabetes:<br>duration unknown  | IgG+            | Negative            | Positive        |
| 55<br>Male     | Caucasian           | Blunt<br>Injury/MVA                 | 38.7 | ETOH: 2-3 beers/day x<br>35yrs; Tobacco: 1ppd x<br>40yrs; No Drug use   | Hypertension - unknown<br>duration   | Not<br>Reported | Negative            | Negative        |
| 66<br>Male     | Caucasian           | SISGW to<br>Head                    | 29.5 | ETOH: 2-3 drinks/day x<br>40yrs; No Tobacco or<br>Drug use  | CABG x 3, Hypertension x<br>10+yrs, Type II Diabetes x<br>2yrs   | IgG+            | Negative            | Positive        |
| 64<br>Male     | Caucasian           | CVA/Stroke                          | 30.0 | ETOH: 1-2 drinks/month<br>(beer or liquor) x 10yrs;<br>Tobacco: 2ppd x >10yrs;<br>No Drug use   | Groin surgery 3 months<br>ago, AAA repair 6 yrs<br>ago, Hypertension x 8yrs,<br>IDDM x 8yrs - compliant<br>with meds; Meds:<br>Proscar, Lipitor, Norvasc,<br>Zestril, Glucophage | IgG+            | Negative            | Not<br>Reported |
| 35<br>Male     | Caucasian           | Anoxia                              | 25.2 | Tobacco: smoker; Drugs:<br>polysubstance abuse,<br>Tox screen positive for<br>benzodiazepines,<br>opiates, and cocaine.<br>Negative for methadone<br>and barbiturates; ETOH:<br>use unknown   | MVA 5 months ago with<br>traumatic brain injury,<br>seizures, partial<br>craniectomy 5 months<br>ago, spinal fusion<br>surgery; Meds: Depakote                                   | IgG+            | Negative            | Negative        |
| 40<br>Male     | Caucasian           | CVA                                 | 34.4 | ETOH: 3 pints to a quart<br>of vodka every other<br>day x 3yrs; Tobacco:<br>1ppd x 5yrs - quit for 4yrs<br>and resumed 2yrs ago;<br>Drugs:<br>methamphetamine<br>(positive on admit),<br>marijuana 4x/yr x30yrs<br>(positive on admit), PCP<br>also positive on admit | Asthma diagnosed at 6<br>months old - inhaler;<br>Hypertension x 3yrs -<br>unknown compliance<br>with meds   | IgG+            | Negative            | Positive        |
| 62<br>Male     | Caucasian           | Anoxia                              | 33.3 | ETOH: once a month; No<br>Tobacco or Drug use   | Hypertension x 5yrs  | Negative        | Negative            | Negative        |
| 47<br>Male     | Caucasian           | CVA,<br>Intracranial<br>Hemorrhage  | 37.0 | ETOH: 1-2 beers very<br>rarely x 20yrs; Tobacco:<br>1ppd x 20yrs, No Drug<br>use  | Factor 5 Leiden Mutation   | IgG+            | Not<br>Reported     | Positive        |
| 36<br>Male     | Caucasian           | Anoxia/Drug<br>Intoxication         | 23.1 | ETOH: Beer - unknown<br>quantity or frequency;<br>Tobacco: 1ppd x 15yrs;<br>Drugs: IVDA Heroin.   | Hypertension - unknown<br>duration   | IgG+            | Negative            | Negative        |
| 52<br>Male     | Caucasian           | Anoxia/<br>Cardio-<br>vascular      | 23.9 | ETOH: beer occasionally;<br>No Tobacco or Drug use  | Weak heart<br>(pacemaker), Diabetes x<br>6-7yrs  | Not<br>Reported | Negative            | Negative        |

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### Donor Demographics, as reported to BioIVT

| Age/<br>Gender | Race                | Cause of<br>Death              | BMI  | Social History   | Medical History   | Serology****    |          |                 |
|----------------|---------------------|--------------------------------|------|--|---|-----------------|----------|-----------------|
|                |                     |                                |      |  |   | EBV             | RPR      | CMV             |
| 17<br>Male     | Caucasian           | Anoxia/Blunt<br>Injury/MVA     | 25.4 | ETOH: 3-4 beers and 2-3<br>shots of vodka 2-<br>3x/month x 2yrs;<br>Tobacco: smoked<br>cigarettes a few<br>times/week x 1-2yrs;<br>Drug: marijuana daily<br>several times/week x<br>12yrs  | No Medical History<br>Reported  | Negative        | Negative | Positive        |
| 52<br>Male     | African<br>American | Head<br>Trauma                 | 32.3 | ETOH: occasional; Drugs:<br>cocaine, THC; No<br>Tobacco use  | No Medical History<br>Reported  | Not<br>Reported | Negative | Positive        |
| 49<br>Male     | Caucasian           | Anoxia                         | 40.4 | ETOH: 12 pack beer daily<br>x 10+yrs - more on<br>weekends; Tobacco:<br>2ppd x 20+yrs; Drug use<br>reported - specifics<br>unknown   | COPD (recent diagnosis),<br>diagnosed with Diastolic<br>Heart failure 3 mos ago,<br>Hypertension and HLD x<br>3yrs, Diabetes x 5yrs - no<br>current meds or special<br>diet | IgG +           | Negative | Negative        |
| 45<br>Male     | Caucasian           | CVA/ ICH/<br>Natural<br>Causes | 37.4 | ETOH: beer - 6 pk once<br>every 3-4 months socially<br>x 24yrs; Tobacco: 0.5ppd<br>x 1yr - quit 2yrs ago;<br>Drugs: marijuana daily x<br>26yrs,<br>methamphetamines -<br>smoked, unknown<br>duration, cocaine -<br>nasal, occasionally on<br>weekends x 2yrs,<br>mushrooms and acid -<br>ingested, 20yrs ago, PHS<br>IR used needle once to<br>inject meth - unknown<br>when | No Medical History<br>Reported  | IgG+            | Negative | Not<br>Reported |
| 13<br>Male     | Caucasian           | Head<br>Trauma; 2nd<br>to MVA  | 38.8 | No ETOH, Tobacco, or<br>Drug use   | No Medical History<br>Reported  | Negative        | Negative | Negative        |
| 58<br>Male     | Caucasian           | CVA/ICH                        | 36.7 | ETOH: 6 beers/day all<br>adult life; Tobacco: 1<br>cigarette/day x 15-20yrs -<br>quit 6 mos ago; No Drug<br>use  | Arrhythmias, Hypertension<br>x 3yrs   | IgG+            | Negative | Positive        |

\*\*\*\*BioIVT does not routinely accept HEP C, HEP B, or HIV positive tissue. Serology results for these viruses are negative unless otherwise specified.