

PRC Case Summary Report For [REDACTED]

|                        |                              |
|------------------------|------------------------------|
| <b>Serology Alert:</b> | <b>EBV IgG Ab=Positive</b>   |
|                        | <b>CMV Total Ab=Positive</b> |

Issue Resolutions

| Tissue | Issue Description  | Resolution Comments                     | Date Submitted |
|--------|--|---|----------------|
| Lung   | Not representative of normal.                              | Unacceptable: presence of disease.      | [REDACTED]     |
| Ileum  | Insufficient lymphoid tissue to warrant analysis for GTEx. | Unacceptable: inadequate target tissue. | [REDACTED]     |

Specimens

| Case #     | Specimen ID | Tissue                    | RNA Integrity Number (RIN) | Image ID | Slide ID | Autolysis | Comments   | Inventory Status |
|------------|-------------|---------------------------|----------------------------|----------|----------|-----------|--|------------------|
| [REDACTED] | [REDACTED]  | Spleen                    | Pending QA                 | 82034    | 3042392  | 0         | 2 pieces; capsule is present on 1 piece, some congestion   | Acceptable       |
| [REDACTED] | [REDACTED]  | Adrenal glands            | Pending QA                 | 82035    | 3042393  | 1         | 2 pieces; both include small attachment of fat, predominantly cortex with small portion of medulla in 1 piece                        | Acceptable       |
| [REDACTED] | [REDACTED]  | Pancreas                  | Pending QA                 | 82036    | 3042394  | 1         | 2 pieces; includes up to 10% attached and internal fat, islets well visualized, mild intralobular fibrosis, focal PanIN-1B           | Acceptable       |
| [REDACTED] | [REDACTED]  | Lung                      | Pending QA                 | 82037    | 3042395  | 1         | 2 pieces; organizing bronchopneumonia, bronchial smooth muscle hypertrophy and increased mucosal goblet cells (suggestive of asthma) | Unacceptable     |
| [REDACTED] | [REDACTED]  | Gastroesophageal junction | Pending QA                 | 82038    | 3042396  | 0         | 6 pieces; target muscularis  | Acceptable       |
| [REDACTED] | [REDACTED]  | Esophagus - mucosa        | Pending QA                 | 82039    | 3042397  | 0         | 6 pieces; parakeratosis with focal superficial exudate with possible fungal organisms; squamous hyperplasia (possible reflux)        | Acceptable       |
| [REDACTED] | [REDACTED]  | Esophagus - muscularis    | Pending QA                 | 82040    | 3042398  | 0         | 6 pieces; target muscularis  | Acceptable       |
| [REDACTED] | [REDACTED]  | Stomach                   | Pending QA                 | 82042    | 3042399  | 1         | 6 pieces; variable representation of mucosa, submucosa, muscularis; multiple erosions, dilated deep glands                           | Acceptable       |
| [REDACTED] | [REDACTED]  | Aorta                     | Pending QA                 | 82043    | 3042400  | 1         | 6 pieces; atherosclerosis  | Acceptable       |
| [REDACTED] | [REDACTED]  | Suprapubic skin           | Pending QA                 | 82041    | 3042401  | 1         | 6 pieces; includes up to ~10% mostly attached fat  | Acceptable       |
| [REDACTED] | [REDACTED]  | Omentum                   | Pending QA                 | 82044    | 3042402  | 1         | 2 pieces; predominantly fat, but with several larger vessels and portion of muscularis   | Acceptable       |
| [REDACTED] | [REDACTED]  | Prostate                  | Pending QA                 | 82045    | 3042403  | 1         | 2 pieces; prostatitis  | Acceptable       |
| [REDACTED] | [REDACTED]  | Testis                    | Pending QA                 | 82046    | 3042404  | 1         | 2 pieces; spermatogenesis is present, focal hyalinization of tubules   | Acceptable       |
| [REDACTED] | [REDACTED]  | Ileum                     | Pending QA                 | 82047    | 3042405  | 1         | 6 pieces; mucosa and submucosa with only focal lymphoid tissue (1 of 6 pieces)   | Unacceptable     |
| [REDACTED] | [REDACTED]  | Thyroid gland             | Pending QA                 | 82048    | 3042406  | 1         | 2 pieces; both include ~10% fat/vessels/connective tissue, mild to moderate autolysis  | Acceptable       |
| [REDACTED] | [REDACTED]  | Sigmoid colon             | Pending QA                 | 82049    | 3042407  | 1         | 6 pieces; predominantly target muscularis with portions of residual attached submucosa and mucosa                                    | Acceptable       |
| [REDACTED] | [REDACTED]  | Mammary tissue (breast)   | Pending QA                 | 82027    | 3042408  | 1         | 2 pieces; predominantly fibrocollagenous stroma with scattered ducts, minor component of fat   | Acceptable       |
| [REDACTED] | [REDACTED]  | Skin                      | Pending QA                 | 82028    | 3042409  | 1         | 6 pieces; well trimmed with <10% attached and internal fat, epidermis measures 26 microns  | Acceptable       |
| [REDACTED] | [REDACTED]  | Nerve - tibial            | Pending QA                 | 82029    | 3042410  | 1         | 2 pieces; 30-60% fat and epineurium  | Acceptable       |
| [REDACTED] | [REDACTED]  | Colon                     | Pending QA                 | 82030    | 3042411  | 1         | 6 pieces; full thickness sections  | Acceptable       |
| [REDACTED] | [REDACTED]  | Adipose tissue            | Pending QA                 | 82031    | 3042412  | 0         | 2 pieces; mature fat   | Acceptable       |
| [REDACTED] | [REDACTED]  | Muscle, skeletal          | Pending QA                 | 82032    | 3042413  | 0         | 2 pieces; includes ~10-15% internal and external fat/vessels, Pacinian corpuscle and detached fragment of tendon                     | Acceptable       |
| [REDACTED] | [REDACTED]  | Artery - tibial           | Pending QA                 | 82033    | 3042414  | 1         | 2 pieces; intimal thickening   | Acceptable       |

\*Autolysis key: 0 = none 1 = mild 2 = moderate 3 = severe

\*Mouse over to view prosector's comments

**Issues**

| Specimen ID | Issue Description  | Pending Further Follow Up | Resolved | Resolution Comments                     |
|-------------|--|---------------------------|----------|---|
| ██████████  | Not representative of normal.                              | N                         | Y        | Unacceptable: presence of disease.      |
| ██████████  | Insufficient lymphoid tissue to warrant analysis for GTEX. | N                         | Y        | Unacceptable: inadequate target tissue. |

**General Information**

|   |   |
|---|---|
| <b>Overall Staining of Slides</b><br>good<br><br><b>Any additional comments from PRC</b><br>Representative slides were reviewed by Dr. ██████████ | <b>Overall Processing/Embedding</b><br>good |
|---|---|

**Submissions**

| Report Submitted By caHUB Pathologist(s) | Date Summary Report Submitted | Version |
|--|-------------------------------|---------|
| ██████████                               | ██████████                    | V1      |

**Data Manager QA Review**

| Reviewed By | Review Date |
|-------------|-------------|
| ██████████  | ██████████  |

**Attachments**

| Tissue | Caption | File |
|--------|---------|------|
|--------|---------|------|

**Disclaimer:** This report has been generated for research purposes only and is not intended for clinical use. Specimen processing and interpretation have not been performed in a CLIA-certified laboratory.