

PRC Case Summary Report For [REDACTED]

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|------------------------|------------------------------|
| Serology Alert: | EBV IgG Ab=Positive |
| | CMV Total Ab=Positive |

Issue Resolutions

| Tissue | Issue Description | Resolution Comments | Date Submitted |
|------------------------|--|---------------------|----------------|
| Esophagus - muscularis | Significant admixture of skeletal and smooth muscle suggesting sampling of upper esophagus (not target region for GTEx). | Unacceptable. | [REDACTED] |
| Ileum | Inadequate target tissue. | Unacceptable. | [REDACTED] |

Specimens

| Case # | [REDACTED] | | | | | | |
|-------------|---------------------------|----------------------------|----------|----------|-----------|---|------------------|
| Specimen ID | Tissue | RNA Integrity Number (RIN) | Image ID | Slide ID | Autolysis | Comments | Inventory Status |
| [REDACTED] | Spleen | Pending QA | 83342 | 3045495 | 1 | 2 pieces; fragmented | Acceptable |
| [REDACTED] | Lung | Pending QA | 83343 | 3045496 | 0 | 2 pieces; some widened airspaces, small focus of bronchopneumonia | Acceptable |
| [REDACTED] | Adrenal glands | Pending QA | 83344 | 3045497 | 1 | 2 pieces; predominantly adrenal cortex with small portion of medulla | Acceptable |
| [REDACTED] | Pancreas | Pending QA | 83345 | 3045498 | 1 | 2 pieces; 20 and 80% is fat, mild fibrosis and chronic inflammation, foci of atrophy and PanIN-1B | Acceptable |
| [REDACTED] | Omentum | Pending QA | 83346 | 3045499 | 0 | 2 pieces; mature fat | Acceptable |
| [REDACTED] | Liver | Pending QA | 83350 | 3045500 | 1 | 2 pieces; severe steatosis with mild chronic inflammation, Mallory's hyaline, consistent with history of alcohol abuse | Acceptable |
| [REDACTED] | Aorta | Pending QA | 83351 | 3045501 | 1 | 6 pieces; mild plaque | Acceptable |
| [REDACTED] | Coronary artery | Pending QA | 83347 | 3045502 | 1 | 2 pieces; partial rim of adipose tissue (from 10-40%), intimal thickening | Acceptable |
| [REDACTED] | Suprapubic skin | Pending QA | 83352 | 3045503 | 0 | 6 pieces; well trimmed with trivial internal fat | Acceptable |
| [REDACTED] | Atrial appendage | Pending QA | 83353 | 3045504 | 0 | 2 pieces; includes up to ~10% fat | Acceptable |
| [REDACTED] | Heart | Pending QA | 83354 | 3045505 | 1 | 2 pieces; focal, mild interstitial fibrosis | Acceptable |
| [REDACTED] | Thyroid gland | Pending QA | 83355 | 3045506 | 1 | 2 pieces; nodular goiter | Acceptable |
| [REDACTED] | Esophagus - muscularis | Pending QA | 83356 | 3045507 | 1 | 6 pieces; admixture of skeletal and smooth muscle suggesting sampling of upper esophagus, few clusters of submucosal glands | Unacceptable |
| [REDACTED] | Colon | Pending QA | 83357 | 3045508 | 1 | 6 pieces; 3 are full thickness, 3 are mucosa/submucosa | Acceptable |
| [REDACTED] | Gastroesophageal junction | Pending QA | 83370 | 3045509 | 1 | 6 pieces; target muscularis, small leiomyoma (1.2mm) | Acceptable |
| [REDACTED] | Esophagus - mucosa | Pending QA | 83359 | 3045510 | 1 | 6 pieces; includes several clusters of submucosal glands and few lymphoid aggregates, focal acute exudate with apparent fungal organisms, 1.9mm leiomyoma | Acceptable |
| [REDACTED] | Stomach | Pending QA | 83360 | 3045511 | 1 | 6 pieces; chronic active gastritis | Acceptable |
| [REDACTED] | Mammary tissue (breast) | Pending QA | 83361 | 3045512 | 1 | 2 pieces; 50 and 70% fat, remainder is stroma with benign ducts and lobules | Acceptable |
| [REDACTED] | Ileum | Pending QA | 83362 | 3045513 | 1 | 6 pieces; only focal target lymphoid tissue, few sections include muscularis (not target) | Unacceptable |
| [REDACTED] | Sigmoid colon | Pending QA | 83363 | 3045514 | 1 | 6 pieces; target muscularis, some with residual attached submucosa and fat | Acceptable |
| [REDACTED] | Vagina | Pending QA | 83348 | 3045515 | 0 | 6 pieces; squamous mucosa is visible on 5 pieces, deep fat present on 3 | Acceptable |
| [REDACTED] | Uterus | Pending QA | 83364 | 3045516 | 0 | 2 pieces; myometrium, prominent vessels, no endometrium in these sections | Acceptable |
| [REDACTED] | Ovary | Pending QA | 83349 | 3045517 | 1 | 2 pieces; several corpora albicantia | Acceptable |
| [REDACTED] | Adipose tissue | Pending QA | 83365 | 3045518 | 1 | 2 pieces; mature fat, 1 piece has large central defect | Acceptable |
| [REDACTED] | Skin | Pending QA | 83366 | 3045519 | 1 | 6 pieces; skin with up to ~10% internal fat, | Acceptable |

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| ██████████ | Muscle, skeletal | Pending QA | 83367 | 3045520 | 0 | epidermis measures 25-35 microns | Acceptable |
| ██████████ | Artery - tibial | Pending QA | 83371 | 3045521 | 1 | 2 pieces; skeletal muscle with small portion of attached and internal fat, scattered fibers with degenerative change | Acceptable |
| ██████████ | Nerve - tibial | Pending QA | 83369 | 3045522 | 1 | 2 pieces; medial calcific sclerosis, intimal thickening | Acceptable |
| *Autolysis key: 0 = none 1 = mild 2 = moderate 3 = severe | | | | | | | Acceptable |
| *Mouse over to view prosector's comments | | | | | | | |

Issues

| Specimen ID | Issue Description | Pending Further Follow Up | Resolved | Resolution Comments |
|-------------|--|---------------------------|----------|---------------------|
| ██████████ | Significant admixture of skeletal and smooth muscle suggesting sampling of upper esophagus (not target region for GTEx). | N | Y | Unacceptable. |
| ██████████ | Inadequate target tissue. | N | Y | Unacceptable. |

General Information

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| Overall Staining of Slides good | Overall Processing/Embedding good |
| Any additional comments from PRC | |

Submissions

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

Data Manager QA Review

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

Attachments

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