
 NATIONAL CANCER INSTITUTE  Biorepositories and Biospecimen Research Branch		Biospecimen Pre-Analytical Variables (BPV) Kidney Local Pathology Review Form	
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BPV Case ID: _____

Affix BPV Case ID Label

Tissue Bank ID: _____

Form Completed By: _____

Date on Which Form Was Completed:

____/____/_____
 (MM/DD/YYYY)

Kidney Slide Pathology Review

1. Slide ID examined by pathologist:

2. Parent specimen ID of the sample from which this slide was derived:

3. Organ of origin:

Select One:

- ☐ Kidney
- ☐ Other (specify)



If Other was selected, specify other organ of origin:

4. Histologic type:

Select One:

- ☐ Carcinoma associated with neuroblastoma
- ☐ Carcinoma of the collecting ducts of Bellini (WHO code: 8319/3)
- ☐ Chromophobe renal cell carcinoma (WHO code: 8317/3)
- ☐ Clear cell renal carcinoma (WHO code: 8310/3)
- ☐ Mucinous tubular and spindle cell carcinoma
- ☐ Multilocular clear cell renal carcinoma (WHO code: 8310/3)
- ☐ Papillary renal cell carcinoma (WHO code: 8260/3)
- ☐ Renal cell carcinoma, unclassified (WHO code: 8312/3)
- ☐ Renal medullary carcinoma (WHO code: 8319/3)
- ☐ Translocation carcinoma (Xp11 or others)
- ☐ Tubulocystic renal cell carcinoma
- ☐ Other (specify)

If Other was selected, record other histologic type:

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5. Presence of sarcomatoid features:

Select one:

- ☐ Not identified
- ☐ Present

If present, describe sarcomatoid features:



6. Greatest tumor dimension on slide: _____ (mm)

7. Percent of cross-sectional surface area of entire slide composed of tumor focus (includes necrotic tumor): _____ %

8. Percent of tumor nuclei by cell count of the entire slide (number of tumor epithelial cell nuclei as compared to all cell nuclei): _____ %

9. Percent of cross-sectional surface area of entire slide composed of necrotic tissue:
 _____ %

Note: BPV case acceptance criteria require necrosis percentage of <20% of the entire slide AND tumor content of ≥50% tumor nuclei.

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Histologic Profile Quantitative Assessment of Tumor Should Total 100%.

10. Histologic profile quantitative assessment:

Percent viable tumor by surface area (not including stroma): ____%

Percent necrotic tumor by surface area: ____%

Percent tumor stroma by surface area: ____%

Percent non-cellular component by surface area (i.e., mucin, hemorrhage, blood clot, etc.) : ____%

If present, describe non-cellular component:

Histologic profile total % (should equal 100%): ____%

11. Histologic grade (Fuhrman nuclear grading system):

Select one:



- ☐ G1: Nuclei round, uniform, approximately 10µm; nucleoli inconspicuous or absent
- ☐ G2: Nuclei slightly irregular, approximately 15µm; nucleoli evident
- ☐ G3: Nuclei very irregular, approximately 20µm; nucleoli large and prominent
- ☐ G4: Nuclei bizarre and multilobulated, 20µm or greater; nucleoli prominent, chromatin clumped
- ☐ GX: Cannot be assessed

Tumor Staging per AJCC 7th Edition

12. pT: Pathologic spread primary tumor (AJCC 7th edition):

Select one:

- ☐ pTX
- ☐ pT0
- ☐ pT1
 - ☐ pT1a
 - ☐ pT1b
- ☐ pT2
 - ☐ pT2a
 - ☐ pT2b
- ☐ pT3
 - ☐ pT3a
 - ☐ pT3b
 - ☐ pT3c
- ☐ pT4

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13. pN: Pathologic spread lymph nodes (AJCC 7th edition):

Select one:

- ☐ pNX
- ☐ pN0
- ☐ pN1

14. M: Distant metastases (AJCC 7th edition):

Select one:

- ☐ cM0
- ☐ cM1
- ☐ pM1

15. Pathologic tumor stage group (AJCC 7th edition):

Select one:

- ☐ Stage I
- ☐ Stage II
- ☐ Stage III
- ☐ Stage IV

16. Did pathology review of the hematoxylin and eosin slide derived from quality control formalin-fixed paraffin-embedded tumor tissue confirm the histological type to be eligible for BPV study?

Select one:

- ☐ Yes
- ☐ No



17. This slide meets the microscopic analysis criteria of the BPV project of necrosis percentage of <20% AND tumor content of ≥50% tumor nuclei:

Select one:

- ☐ Yes
- ☐ No

If No is selected, specify what findings do not meet the microscopic analysis criteria of the BPV project:

18. Pathology review comments:

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Concordance With Diagnostic Pathology Report

19. This slide is consistent with the findings of the diagnostic pathology report for this case:

Select One:

- ☐ Yes
- ☐ No

If No is selected, specify what findings are not consistent with the diagnostic pathology report:

20. Name of local biospecimen source site reviewing pathologist:

21. Date of slide review by the pathologist:

22. Data entry in local pathology review form was performed by: