Renal Biopsy for Tumour Histopathology Reporting Guide

Family/Last name

Given name(s)

Date of birth DD – MM – YYYY

Patient identifiers

Date of request DD – MM – YYYY

Accession/Laboratory number

Elements in **black text** are REQUIRED. Elements in **grey text** are RECOMMENDED.

SPECIMEN LATERALITY

- ○ Not specified
- ○ Left
  - ○ Unifocal
  - ○ Multifocal
- ○ Right
  - ○ Unifocal
  - ○ Multifocal
- ○ Bilateral
  - ○ Unifocal in both kidneys
  - ○ Multifocal in one kidney
  - ○ Multifocal in both kidneys
- ○ Other eg horseshoe kidney
  - ○ Unifocal
  - ○ Multifocal

OPERATIVE PROCEDURE

- ○ Core/needle biopsy
  - Number of cores
  - OR ○ Number cannot be determined

Core id.	Length (in mm)

- ○ Wedge biopsy
  - Number of wedges

Wedge id.	Max. Dimension (in mm)

- ○ Other, *specify*

TUMOUR SITE(S)

- ☐ Upper pole
- ☐ Mid zone
- ☐ Lower pole
- ☐ Cortex
- ☐ Medulla
- ☐ Other, *specify*
- ○ Not provided
- ○ Cannot be assessed

HISTOLOGICAL TUMOUR TYPE**

(Value list from the World Health Organization Classification of Tumours of the Urinary System and Male Genital Organs, Fourth edition (2016) classification of renal cell tumours and the International Society of Urological Pathology Vancouver classification of renal neoplasia)
***Occasionally more than one histologic type of carcinoma occurs within the same kidney specimen. Each tumour type should be separately recorded.*

- ○ Non diagnostic, *specify why*
- ☐ Clear cell renal cell carcinoma
- ☐ Multilocular clear cell renal cell neoplasm of low malignant potential
- ☐ Papillary renal cell carcinoma
  - ☐ Type 1
  - ☐ Type 2
  - ☐ Oncocytic
  - ☐ NOS
- ☐ Chromophobe renal cell carcinoma
  - ☐ Hybrid oncocytic chromophobe tumour
- ☐ Oncocytic tumour
- ☐ Collecting duct carcinoma
- ☐ Renal medullary carcinoma
- ☐ MiT family translocation renal cell carcinoma
  - ☐ Xp11 translocation renal cell carcinoma
  - ☐ t(6;11) renal cell carcinoma
  - ☐ Other, *specify*
- ☐ Mucinous tubular and spindle cell carcinoma
- ☐ Tubulocystic renal cell carcinoma
- ☐ Acquired cystic disease associated renal cell carcinoma
- ☐ Clear cell papillary/tubulopapillary renal cell carcinoma
- ☐ Hereditary leiomyomatosis and renal cell carcinoma-associated renal cell carcinoma
- ☐ Succinate dehydrogenase (SDH) deficient renal carcinoma
- ☐ Renal cell carcinoma, unclassified
- ☐ Other, *specify*

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HISTOLOGICAL TUMOUR GRADE - WHO/ISUP

- ◯ Not applicable
- ◯ Grade X - Cannot be assessed
- ◯ Grade 1 - Nucleoli absent or inconspicuous and basophilic at 400x magnification
- ◯ Grade 2 - Nucleoli conspicuous and eosinophilic at 400x magnification, visible but not prominent at 100x magnification
- ◯ Grade 3 - Nucleoli conspicuous and eosinophilic at 100x magnification
- ◯ Grade 4 - Extreme nuclear pleomorphism and/or multi nuclear giant cells and/or rhabdoid and/or sarcomatoid differentiation

SARCOMATOID MORPHOLOGY

- ◯ Not identified
- ◯ Present

RHABDOID MORPHOLOGY

- ◯ Not identified
- ◯ Present

NECROSIS

- ◯ Not identified
- ◯ Present

LYMPHOVASCULAR INVASION

- ◯ Not identified
- ◯ Present

CO-EXISTING PATHOLOGY IN NON-NEOPLASTIC KIDNEY

- ◯ None identified
- ◯ Insufficient tissue for evaluation
- ☐ Glomerular disease

Specify type

- ☐ Tubulointerstitial disease

Specify type

- ☐ Vascular disease

Specify type

- ☐ Cyst(s)

Specify type

- ☐ Tubular (papillary) adenoma(s)
- ☐ Other

Specify

ANCILLARY STUDIES

- ◯ Not performed
- ◯ Performed

Specify test and results