

TEST CHANGE

Hereditary Renal Cancer Panel, Sequencing and Deletion/Duplication

2010214, RENCAPAN

Specimen Requirements:

Patient Preparation:

Collect: Lavender or pink (EDTA) or yellow (ACD solution A or B). ~~New York State Clients: Lavender (EDTA)~~

Specimen Preparation: Transport 3 mL whole blood. ~~(Min: 2 mL) New York State Clients: 5 mL~~ (Min: 2 mL)

Transport Temperature: Refrigerated.

Unacceptable Conditions: Serum or plasma; grossly hemolyzed or frozen specimens; saliva, buccal brush, or swab; FFPE tissue; DNA

Remarks:

Stability: Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable
New York State Clients: Preferred Ambient: 4 days ~~1 Week~~;
Refrigerated: 4 days ~~1 Week~~; Frozen: 4 days It is preferred that specimens be received within 4 days of collection. Extraction will be attempted for specimens received after 4 days, and DNA yield will be evaluated to determine if testing may proceed. ~~Unacceptable~~

Methodology: ~~D~~Massively Parallel Sequencing ~~/~~Sequencing ~~/~~Multiplex Ligation-Dependent Probe Amplification (MLPA)

Performed: Varies

Reported: 14-21 days

Note: Genes Tested: BAP1; DICER1; EPCAM**; FH; FLCN*; MET; MLH1; MSH2; MSH6; PMS2; PTEN*; SDHA*; SDHB; SDHC*; SDHD*; SMARCA4; SMARCB1; TP53; TSC1; TSC2; VHL* *One or more exons are not covered by sequencing and/or deletion/duplication analysis for the indicated gene; see Additional Technical Information. **Deletion/duplication analysis of EPCAM (NM_002354) exon 9 only, sequencing is not available for this gene.

CPT Codes: 81292; 81294; 81295; 81297; 81298; 81300; 81317; 81319; 81321; 81323; 81351

New York DOH Approval Status: Specimens from New York clients will be sent out to a New

York DOH approved laboratory, if possible.

Interpretive Data:

~~Refer to report.~~ ~~Refer to report.~~

~~This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.~~

~~Counseling and informed consent are recommended for genetic testing. Consent forms are available online.~~

Reference Interval:

By report