

KRAS Somatic Mutation Analysis, Tumor

Test ID: KRASP

Explanation: On the effective date, the Specimen Required will be updated to clarify tissue preferences and standardize amongst molecular tissue assays. This update will not affect assay-specific acceptance criteria.

Current Specimen Required
<p>Preferred: Specimen Type: Tissue slides with tissue block and cytology slides (direct smears or ThinPrep, if applicable, especially if tissue is small) Slides: 1 stained and 5 unstained with tissue block and 1-3 cytology slides (direct smears or ThinPrep) Collection Instructions: Submit 1 hematoxylin and eosin (H and E) stained slide and 10 unstained, nonbaked 5-micron thick sections and the tissue block with the remaining material and 1-3 cytology slides (direct smears or ThinPrep) with highest cellularity Note: The total amount of required tumor can be obtained by scraping up to 5 slides from the same block.</p> <p>Acceptable: Specimen Type: Tissue block Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block with acceptable amount of tumor tissue.</p> <p>Specimen Type: Tissue slide Slides: 1 Stained and 10 unstained Collection Instructions: Submit 1 slide stained with hematoxylin and eosin and 5 unstained, nonbaked slides with 5-micron thick sections of the tumor tissue. Note: The total amount of required tumor nuclei can be obtained by scraping up to 5 slides from the same block. Additional Information: Unused unstained slides will not be returned.</p> <p>Specimen Type: Cytology slide (direct smears or ThinPrep) Slides: 1 to 3 Slides Collection Instructions: Submit 1 to 3 slides stained</p>

New Specimen Required
<p>Preferred: Submit 3, if available, or 2 of the following specimens. Acceptable: Submit at least one of the following specimens.</p> <p>Specimen Type: Tissue block Collection Instructions: Submit a formalin-fixed, paraffin-embedded tissue block with acceptable amount of tumor tissue.</p> <p>Specimen Type: Tissue slide Slides: 1 Hematoxylin and eosin-stained and 10 unstained Collection Instructions: Submit the followings slides: 1 Slide stained with hematoxylin and eosin AND 10 Unstained, nonbaked slides with 5-micron thick sections of the tumor tissue. Note: The total amount of required tumor nuclei can be obtained by scraping up to 10 slides from the same block. Additional Information: Unused unstained slides will not be returned.</p> <p>Specimen Type: Cytology slide (direct smears or ThinPrep) Slides: 1 to 3 Slides Collection Instructions: Submit 1 to 3 slides stained and coverslipped with a total of 5000 nucleated cells (preferred), or at least 3000 nucleated cells (minimum). Note: Glass coverslips are preferred; plastic coverslips are acceptable but will result in longer turnaround times.</p>

and coverslipped with a preferred total of 5000 nucleated cells, or a minimum of at least 3000 nucleated cells.

Note: Glass coverslips are preferred; plastic coverslips are acceptable but will result in longer turnaround times.

Additional Information: Cytology slides will not be returned.

Additional Information: Cytology slides will not be returned.

Questions

Contact Michelle Rath, Laboratory Resource Coordinator at 800-533-1710.