

EGFR Gene, Targeted Mutation Analysis, 51 Mutation Panel, Tumor

Test ID: EGFRS

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>Submit only 1 of the following specimens:</p> <p>Preferred: Specimen Type: Tissue, smear stained with Diff Quik, fine needle aspirate (FNA), or pleural fluid in cell blocks Container/Tube: Tissue block Collection Instructions: Submit a formalin-fixed, paraffin-embedded (FFPE) tissue block.</p> <p>Acceptable: Specimen Type: Tissue, smear stained with Diff Quik, FNA, or pleural fluid in cell block or cytology blood smear Container/Tube: Slides Specimen Volume: 1 Hematoxylin and eosin stained and 5 unstained Collection Instructions: 1. For FFPE tissue, FNA or pleural fluid: Submit 1 slide stained with hematoxylin and eosin and 5 unstained, non-baked slides with 5 to 10-micron thick sections of the tumor tissue. 2. For cytology blood smear: Submit up to 2 slides stained with Diff Quik</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 (FFPE) tissue block with acceptable amount of tumor tissue.</p> <p>Specimen Type: Tissue slide Source: FFPE tissue, cell block (prepared from fine-needle aspirate, or pleural fluid) Slides: 1 Hematoxylin and eosin-stained and 5 unstained Collection Instructions: Submit the followings slides: 1 Slide stained with hematoxylin and eosin AND 5 Unstained, nonbaked slides with 5-micron thick sections of the tumor tissue.</p> <p>Specimen Type: Cytology slide (direct smears; smears stained with Pap stain are not acceptable) Slides: 2 Slides Collection Instructions: Submit 2 slides stained with Diff Quik 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>

Additional Information: Cytology slides will not be returned. An image of the slides will be stored per regulatory requirements.

Questions

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