Genetic Analysis of PIK3CA Status in Tumor Cells

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Definitions
Mutations to the Phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit alpha (PIK3CA) gene are suggested to be linked to the development of several cancers including breast cancer, colorectal cancer, endometrial cancer, gastric cancer and lung cancer.

Related Medical Guidelines
Gene Expression Profiling
Genetic Counseling and Testing

Guideline
Analysis of PIK3CA status in tumor cells is considered investigational and not medically necessary for all indications.

Applicable Procedure Codes

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>81404</td>
<td>Molecular pathology procedure, Level 5 (eg, analysis of 2-5 exons by DNA sequence analysis, mutation scanning or duplication/deletion variants of 6-10 exons, or characterization of a dynamic mutation disorder/triplet repeat by Southern blot analysis)</td>
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<tr>
<td>81479</td>
<td>Unlisted molecular pathology procedure</td>
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References
