

JAX SomaticSeq SPECIMEN INSTRUCTIONS

JAX SomaticSeq was developed with the Illumina TruSight Oncology 500 Assay and its performance characteristics determined by The Jackson Laboratory. It has not been cleared or approved by the US Food and Drug Administration. Specimen quality is essential to the performance of JAX SomaticSeq. **Please see the specimen acceptability criteria below.**

Submission Criteria

ACCEPTABLE SAMPLE TYPES

- Formalin-fixed paraffin embedded (FFPE) specimens, including unstained cut slide specimens are acceptable.
- Decalcified specimens are **not** accepted.
- Purified nucleic acids are **not** accepted.

SURFACE AREA

- Minimum 3 mm x 3 mm tumor area.

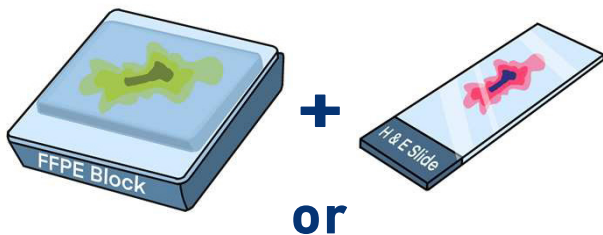
NEOPLASTIC CONTENT

- Minimum 30% neoplastic content within the tumor area.

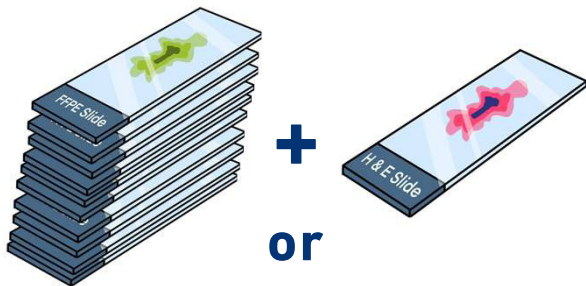
WHAT TO INCLUDE IN YOUR SHIPMENT

For samples meeting the above criteria, please include*:

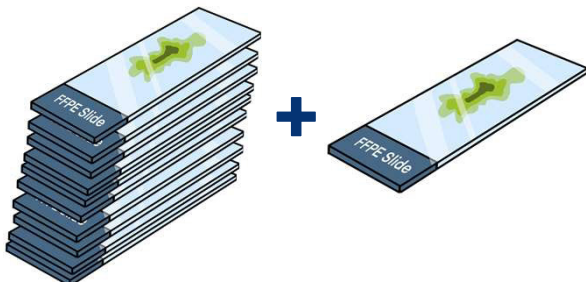
- 1 FFPE block and 1 H&E slide per sample



- 10 unbaked, unstained FFPE slides of 5 µM thickness and 1 H&E slide



- 11 unstained, unbaked FFPE slides of 5 µM thickness



*JAX includes complimentary H&E services for neoplastic content assessment but providing a stained H&E slide helps preserve material for extraction.

Shipping Instructions

- Ensure an authorized individual completes the test requisition.
- Ensure each specimen is labeled clearly with two patient-specific identifiers.
- Place each FFPE block in an individual biohazard bag and slides in the provided slide-holder. Please do not mix samples if possible.
- Securely package each specimen and accompanying requisition in an individual JAX-provided BSL-2 shipping kit. Seal the shipping kit securely. *To request a shipping kit, please contact CGL_CS@jax.org or call (860) 837-2320.*



If sending multiple samples, you may combine sealed shipping kits into one shipping envelope.

- Please ship samples to:**
The Jackson Laboratory
Attn: Advanced Precision Medicine Laboratory
10 Discovery Drive
Farmington, CT 06032

JAX ADVANCED PRECISION
MEDICINE LABORATORY

 1.860.837.2320

 CGL_CS@JAX.ORG