

Certificate of Analysis

Product Name:

- CancerSeq™ FFPE Tumor Tissue Section
- CancerSeq™ FFPE Tumor Tissue Block
- CancerSeq™ Plus FFPE Tumor Tissue Curl
- CancerSeq™ Fusion FFPE Tumor Tissue Curl
- Paraffin Tissue Section/Block
- Human Tumor Paraffin Tissue Slide Matched Pair (PP/PM)
- Paraffin Tissue Panel
- FDA Standard Tissue Array
- Paraffin Tissue Array

Catalog No.: T2235XXX-ST
Catalog No.: T2235XXX-SB
Catalog No.: T2235XXX-SC
Catalog No.: T2235XXX-SF
Catalog No.: T2XXXXXX
Catalog No.: T8235XXX-PP/PM
Catalog No.: T8XXXXXX
Catalog No.: T8234701
Catalog No.: T8XXXXXX
Catalog No.: Z702XXXX

Shipping Condition: Room temperature

Storage Condition: Cool dry at room temperature. 4°C for long term storage.

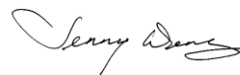
Shelf Life: One year from the date of receipt under proper storage condition

Description

Tissue was fixed in formalin immediately after excision, and embedded in paraffin. All BioChain's paraffin embedded tissue products, including tissue array, tissue sections, and tissue panels can be used for both immune-histochemistry and in situ hybridization. These products are ideal for rapid cellular localization of RNA and protein expression. At least one of the tissue slides from each lot was stained with H & E to ensure the quality. The details of the description of each product line are as follows:

- **CancerSeq™, CancerSeq™ Plus, CancerSeq™ Fusion Paraffin Tissue Section, Curl, and Block**
Genomic DNA was extracted from the FFPE tissues and screened by Next Generation Sequencing with Illumina's *TruSeq Amplicon - Cancer Panel (TSACP)* or ArcherDx's *VariantPlex Solid Tumor Panel*. The sequencing information are provided. Tissue sections are 5 µm in thickness and mounted on positively charged glass slides. Tissue curls are 5 µm in thickness and stored in vials.
- **Paraffin Tissue Section/Block**
Tissue sections are 5 µm in thickness, and mounted on positively charged glass slides.
- **Human Tumor Paraffin Tissue Slide Matched Pair (PP/PM).**
Human paraffin tissue section matched pair products include: Primary Pair (PP), Primary and metastatic Pair (PM). PP consists of paraffin tissue sections of primary tumor and its adjacent normal tissue; PM consists of paraffin tissue sections of primary tumor and corresponding metastatic tumor. Paraffin tissue sections in each pair are prepared from the same donor. This product line is ideal for localization of tumor-specific genes and tumor metastatic genes. Tissue sections are 5 µm in thickness, and mounted on positively charged glass slide
- **Paraffin Tissue Panel.**
The panel contains 5 to 8 different tissues on one slide. Tissue panels are 5 µm in thickness, and mounted on positively charged glass slides.
- **Paraffin Tissue Array • FDA Standard Tissue Array.**
Tissue arrays are 6 µm in thickness, and mounted on positively charged glass slides. Each tissue sample is about 1.5 mm in diameter. A reference chart shows all the tissue names and their respective position on the array.

Note: Each individual tissue spot should be >90% core retention and total core lost from 1 slide should be no more than 5%.

FOR IN VITRO RESEARCH USE ONLY**APPROVED BY:** _____

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Active Date: 08252015