

## Certificate of Analysis

**Product Name:**

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|--|-----------------------------|
| <input type="checkbox"/> Frozen Tissue Section                           | Catalog No.: T1xxxxxx       |
| <input type="checkbox"/> Human Frozen Tissue Slide Matched Pairs (PP/PM) | Catalog No.: T623xxxx-PP/PM |
| <input type="checkbox"/> Frozen Tissue Section Panel                     | Catalog No.: T6xxxxxx       |
| <input type="checkbox"/> Frozen Tissue Array                             | Catalog No.: T6xxxxxx       |

**Shipping Condition:** Dry ice**Storage Condition:** -70°C**Shelf Life:** Half a year from the date of receipt under proper storage condition**Description**

Tissues were snap frozen in liquid nitrogen immediately after excision, and embedded in OCT. All Biochain's frozen tissue products, including frozen tissue arrays, frozen tissue sections, and frozen tissue panels, can be used for both immunohistochemistry and *in situ* hybridization. These products are ideal for rapid cellular localization of RNA and protein expression, especially for antibodies that don't recognize paraffin embedded tissue. 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:

**• Frozen Tissue Section**

The tissue sections are 5-10 µm in thickness, mounted on positively charged glass slides, and fixed by cold acetone.

**• Human Frozen Tissue Section Matched Pairs (PP/PM).**

Human frozen tissue section matched pair products include: Primary Pair (PP), Primary and metastatic Pair. PP consists of frozen tissue sections of primary tumor (or diseased tissue) and its adjacent normal tissue; PM consists of frozen tissue sections of primary tumor and corresponding metastatic tumor. Frozen tissue sections in each pair are prepared from the same donor. This product line is ideal for localization of tumor-specific (or disease specific) genes and tumor metastatic genes. Tissue sections are 5-10 µm in thickness, mounted on positively charged glass slides, and fixed by cold acetone.

**• Frozen Tissue Section Panel**

Frozen Tissue Section Panel contains 5 to 8 different tissues on one slide. The tissue panels are 5-10 µm in thickness, mounted on positively charged glass slides, and fixed by cold acetone.

**• Frozen Tissue Array.**

Frozen Tissue Array contains up to 45 tissue spots from different tissues on one slide. Each tissue core size is 2 mm diameter. Tissue arrays are 5-8 µm in thickness, mounted on positively charged glass slides, and fixed by cold acetone. 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 5-10%.

**Related Product:**

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|---|---|
| <ul style="list-style-type: none"><li>• Paraffin Tissue Slide</li><li>• Human Tumor Paraffin Tissue Slide Matched Pairs (PP/PM)</li><li>• Paraffin Tissue Panel</li><li>• Paraffin Tissue Array</li><li>• FDA Standard Tissue Array</li></ul> | Catalog No.: T2XXXXXX<br>Catalog No.: T8235XXX-PP/PM<br>Catalog No.: T8XXXXXX<br>Catalog No.: T8XXXXXX<br>Catalog No.: T8234700 |
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