

# Certificate of Analysis

**Product Name:** Human Tumor Genomic DNA Matched Pair (PP/PM)

**Catalog No.:** D8235XXX-PP/PM

**Shipping Condition:** Dry Ice

**Storage Condition:** 2-8°C

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

## Description

Human genomic DNA matched pair products include: Primary Pair (PP), or Primary and Metastasis Pair (PM). PP consists of genomic DNAs isolated from primary tumor and its adjacent normal tissue; PM consists of genomic DNAs from primary tumor and corresponding metastatic tumor. Genomic DNAs in each pair are prepared from the same donor. This product line is designed for identifying tumor-specific genes and tumor metastasis genes. Genomic DNA is isolated from human tissue by proprietary modified guanidine thiocyanate techniques, while high quality total RNA is isolated at the same time. The DNA is dissolved in 1xTE (10 mM Tris pH 8.0, 1 mM EDTA) buffer.

## Quality Control

1. The quality and purity of genomic DNA were tested by spectrophotometer and electrophoresis. A<sub>260/280</sub> is between 1.8 and 2.0 (detected in 10 mM Tris-Cl, pH 7.5).
2. RNase treatment to ensure the RNA contamination is eliminated.
3. Hind III digestion test: genomic DNA was successfully digested by Hind III.

**FOR RESEARCH USE ONLY**

**APPROVED BY:** 