

PCR Ready Genomic DNA Certificate of Analysis

Product Name: PCR Ready Genomic DNA

Catalog No.: D4xxxxxx

Shipping Condition: Blue Ice.

Storage Condition: 2-8°C

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

Description

PCR Ready Genomic DNA is isolated 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. This genomic DNA is perfectly used as PCR template. **Though some of PCR ready genomic DNAs can be used for southern blot analysis, we strongly recommend customers use our Genomic DNA product line for southern blot studies.**

Quality Control

1. The quality and purity of PCR ready genomic DNA were tested by spectrophotometer and electrophoresis. $A_{260}/_{280}$ 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: _____