

Human Genomic DNA**DATASHEET**

Version: 201807

Cat. No.: M00094**Size:** 100 µg**Description**

Human genomic DNA is obtained from 293 cells, more than 90% of the DNA is larger than 50 kb in size as measured by gel electrophoresis by Ethidium bromide staining. The DNA could be used for gene amplification, gene analysis and so on.

Concentration

105 ng/µl in 10 mM Tris-HCl (pH8.0), 1 mM EDTA

Storage

Store at 4°C for frequent use.

Store at -20°C for occasional use.

Do not freeze-thaw more than 3 times. Avoid agitation.

Quality Control

1. The absorbance ration specifications are as follows:

$A_{260}/A_{280} \geq 1.8$

$A_{260}/A_{230} \geq 2.0$

2. Inhibition of restriction enzyme activity: No inhibition of restriction enzyme activity is observed using the enzyme *EcoR* I, under recommended digestion conditions.