**HIGH THROUGHPUT BLOOD DNA ISOLATION KIT**

**Product Features**
- Isolate genomic DNA from cultured cells as well as various tissue types
- Fast, reproducible and easy processing using a magnetic bead system
- Isolate high quality genomic DNA
- Recovered genomic DNA is compatible with various downstream applications

**Magnetic Bead System — Automation**

Norgen's Blood Genomic DNA Isolation Kit (Magnetic Bead System) is designed for the rapid preparation of genomic DNA from up to 200 mL of whole blood from various species, including human. Purification is based on Magnetic bead as the separation matrix. Norgen’s Magnetic beads bind DNA under optimized salt concentrations and releases the bound DNA under low salt and slightly alkali conditions. The genomic DNA is preferentially purified from other cellular proteinaceous components. Typical yields of genomic DNA will vary depending on the cell density of the blood sample.

**High Integrity DNA**

- Isolate genomic DNA from cultured cells as well as various tissue types
- Fast, reproducible and easy processing using a magnetic bead system
- Isolate high quality genomic DNA
- Recovered genomic DNA is compatible with various downstream applications

**Application Ready DNA**

- Genotyping
- DNA Microarray
- Next-Gen Sequencing
- SNP Analysis

Figure 1. DNA Isolated from Blood Preserved in 3 Different Anticoagulants
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**Comparable Yield vs. Column-based Methods**

![Graph](image)

Figure 2. High Yield of Blood DNA.

**Consistent Isolation of High Quality DNA**

![Graph](image)

Figure 3. Detection of GAPDH from blood samples preserved in three different anticoagulants (Heparin: red, EDTA: green and Na Citrate: blue).

**Ordering Information**

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<tr>
<th>Description</th>
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